City of Galt
Community Development Department

Sheffield Subdivision Project

Initial Study/Mitigated Negative Declaration

September 2025

Prepared by

RANEY PLANNING & MANAGEMENT, INC.
25 years
1501 Sports Drive, Suite A, • Sacramento • CA • 95834
Office 916.372.6100 • Fax 916.419.610

TABLE OF CONTENTS

A. BACKGROUND 1

B. SOURCES 3

C. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED 5

D. DETERMINATION 5

E. INTRODUCTION 6

F. PROJECT DESCRIPTION 6

G. ENVIRONMENTAL CHECKLIST 20

I. AESTHETICS. 21
II. AGRICULTURE AND FOREST RESOURCES. 24
III. AIR QUALITY. 26
IV. BIOLOGICAL RESOURCES. 38
V. CULTURAL RESOURCES. 56
VI. ENERGY. 60
VII. GEOLOGY AND SOILS. 62
VIII. GREENHOUSE GAS EMISSIONS. 67
IX. HAZARDS AND HAZARDOUS MATERIALS. 70
X. HYDROLOGY AND WATER QUALITY. 77
XI. LAND USE AND PLANNING. 81
XII. MINERAL RESOURCES. 82
XIII. NOISE. 83
XIV. POPULATION AND HOUSING. 94
XV. PUBLIC SERVICES. 95
XVI. RECREATION. 98
XVII. TRANSPORTATION. 99
XVIII. TRIBAL CULTURAL RESOURCES. 104
XIX. UTILITIES AND SERVICE SYSTEMS. 106
XX. WILDFIRE. 110
XXI. MANDATORY FINDINGS OF SIGNIFICANCE. 111

APPENDICES:

Appendix A – Air Quality and Greenhouse Gas Emissions – CalEEMod Results
Appendix B – Biological Resources Assessment
Appendix C – Preliminary Geotechnical Investigation
Appendix D – Climate Action Plan Consistency Review Checklist
Appendix E – Phase I Environmental Site Assessment
Appendix F – Environmental Noise Assessment
Appendix G – Transportation Impacts Memorandum

INITIAL STUDY/MITIGATED NEGATIVE DECLARATION

A. BACKGROUND

1.	Project Title:	Sheffield Subdivision Project
2.	Lead Agency Name and Address:	City of Galt Community Development Department 495 Industrial Drive Galt, CA 95632
3.	Contact Person and Phone Number:	Kristyn Bitz Principal Planner (209) 366-7230
4.	Project Location:	13315 East Stockton Boulevard Galt, CA 95632 Assessor's Parcel Numbers (APNs): 150-0012-007, -025, and -026
5.	Project Sponsor's Name and Address:	Aaron Ross-Swain FDC Nor-Cal Corp 555 University Ave, Suite 116 Sacramento, CA 95825 (916) 833-1823
6.	Existing Specific Plan Designation:	Maximum Density Single-Family Residential (R-1-C, SP)
7.	Proposed Specific Plan Designation:	Medium Density Residential District Planned Development (R2-PD, SP)
8.	Existing General Plan Designation:	Low-Density Residential
9.	Proposed General Plan Designation:	Medium Density Residential
10.	Existing Zoning Designation:	Low-Density Single-Family Residential (R1A)
11.	Proposed Zoning Designation:	Medium Density Residential-Planned Development (R2-PD)
12.	Required Approvals from Other Public Agencies:	CDFW South Sacramento Habitat Conservation Plan (SSHCP)

13. Surrounding Land Uses and Setting:

The 9.5-acre project site is located at 13315 East Stockton Boulevard in the City of Galt, California. The project site is identified by APNs 150-0012-007, -025, and -026. The project site is currently flat and undeveloped with the exception of one vacant single-family residence in the north-western portion of the site. The site consists of annual grassland with scattered trees throughout. The project site is bound by Deadman's Gulch drainage channel and an associated riparian corridor to the north and east. Surrounding existing uses include single-family residences to the north across Deadman's Gulch; Canyon Creek Park to the east; single-family residences, Ashboro Park, and undeveloped land to the south; and State Route (SR) 99 to the west, across East Stockton Boulevard, as well as undeveloped land and commercial uses further west, across SR 99. The project site is located within the Northeast Area Specific Plan (NEASP) and designated R-1-C, SP. The City of Galt 2030 General Plan designates the project site as Low-Density Residential and the site is zoned R1A.

14. Project Description Summary:

The Sheffield Subdivision Project (proposed project) would include the demolition of the existing on-site single-family residence, removal of the associated septic system, abandonment of the associated well, removal of 21 on-site trees, and subdivision of the site into 65 single-family residential lots ranging in size from 3,825 square feet (sf) to 7,170 sf. Subsequent to demolition and subdivision, the proposed project would include the future development of 65 single-family residential units, an internal circulation network, continuation of South Deadman's Gulch Trail along the northern and eastern property boundaries, and frontage improvements along East Stockton Boulevard. In addition, off-site improvements would include roadway improvements southeast of the project site connecting the stub out of Lyonia Drive (north of Trellis Lane) across parcel 150-0030-012 (which is not part of the project) to the stub of Lyonia Drive to the east. Off-site improvements would also include development of the continuation of the aforementioned South Deadman's Gulch Trail along the northern and eastern property boundaries and along the new Lyonia Drive connection. Primary site access would be provided by new driveways connecting East Stockton Boulevard on the west to Lyonia Drive at the south. The proposed project would require approval of a General Plan Amendment to change the General Plan land use designation from Low-Density Residential to Medium Density Residential; a NEASP Map Amendment from R-1-C, SP to R2-PD SP; a NEASP Text Amendment to increase the maximum allowable density of the R2 SP land use designation from six dwelling units per acre (du/ac) to eight du/ac; a Rezone to change the site's zoning designation from R1A to R2-PD; and a Tentative Subdivision Map. Design Review would be a separate entitlement required for future development of the project site under a separate, future application.

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

In compliance with Assembly Bill (AB) 52 (Public Resources Code Section 21080.3.1), tribal consultation letters were sent on May 5, 2025 to the Torres Martinez Desert Cahuilla Indians and Wilton Rancheria. In addition, pursuant to Senate Bill (SB) 18, tribal consultation letters were sent on May 5, 2025 to Wilton Rancheria, United Auburn Indian Community of the Auburn Rancheria, Tule River Indian Tribe, Pakan'yani Maidu of Strawberry Valley Rancheria, Nashville Enterprise Miwok-Maidu-Nishinam Tribe, Jackson

Rancheria Band of Miwuk Indians, Ione Band of Miwok Indians, Chicken Ranch Rancheria of Me-Wuk Indians, California Valley Miwok Tribe, Calaveras Band of Mi-Wuk Indians, and Buena Vista Rancheria of Mi-Wuk Indians. Wilton Rancheria responded on June 2, 2025 stating that the Tribe did not have any comments and did not wish to open consultation at the time of correspondence. Further correspondence with Wilton Rancheria has not been received to date. The City did not receive any other requests for consultation during the 30-day response period for AB 52 or the 90-day response period for SB 18.

B. SOURCES

The following documents are referenced information sources utilized for this analysis:

1. California Air Resources Board. *2022 Scoping Plan for Achieving Carbon Neutrality*. November 16, 2022.
2. California Air Resources Board. *Air Quality and Land Use Handbook: A Community Health Perspective*. April 2005.
3. California Building Standards Commission. *2022 California Green Building Standards Code*. 2023.
4. California Department of Conservation. *California Earthquake Hazards Zone Application*. Available at: https://maps.conservation.ca.gov/cgs/informationwarehouse/eqzapp/. Accessed June 2025.
5. California Environmental Protection Agency. *Cortese List Data Resources*. Available at: https://calepa.ca.gov/sitecleanup/corteselist/. Accessed July 2025.
6. Department of Conservation. *California Important Farmland Finder*. Available at: https://maps.conservation.ca.gov/DLRP/CIFF/. Accessed June 2025.
7. California Department of Finance. *E-5 Population and Housing Estimates for Cities, Counties, and the State, January 2021-2022, with 2020 Benchmark*. Available at: https://dof.ca.gov/forecasting/demographics/estimates/estimates-e5-2010-2021/. Accessed June 2025.
8. California Department of Forestry and Fire Protection. *Fire Hazard Severity Zones Maps*. Available at: https://www.fire.ca.gov/osfm/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones/fire-hazard-severity-zones-maps-2022. Accessed June 2025.
9. California Department of Resources Recycling and Recovery (CalRecycle). *Facility/Site Summary Details: Sacramento County Landfill (Kiefer) (34-AA-0001).* Available at https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/2070?siteID=2507. Accessed July 2025.
10. California Department of Transportation. *California Scenic Highway System Map.* Available at: https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=465dfd3d807c46cc8e8057116f1aacaa. Accessed June 2025.
11. Centers for Disease Control and Prevention. *Overview of Water-related Diseases and Contaminants in Private Wells.* Available at: https://www.cdc.gov/healthywater/drinking/private/wells/diseases.html. Accessed June 2025.
12. City of Galt. *2020 Urban Water Management Plan Update*. June 2021.
13. City of Galt. *2030 Galt General Plan Policy Document*. April 2009.
14. City of Galt. *Bicycle Transportation Plan*. January 2011.
15. City of Galt. *City of Galt 2021-2021 Housing Element Existing Conditions Report*. May 2022.
16. City of Galt. *City of Galt. City of Galt General Plan Existing Conditions Report*. November 2005.
17. City of Galt. *Environmental Impact Report for the 2030 Galt General Plan, Circulation and Transportation.* July 2008.
18. City of Galt. *Final EIR NEASP*. July 10, 1987.

19. City of Galt. *Final Environmental Impact Report for the 2030 Galt General Plan SCH No. 2007082092 final*. March 2009.
20. City of Galt. *NEASP*. Revised May 19, 1998.
21. City of Galt. *Galt Police Department*. Available at: https://www.cityofgalt.org/government/police-department. Accessed August 2025.
22. City of Galt. *Wastewater*. Available at: https://www.cityofgalt.org/government/public-works-department/utilities-division/wastewater. Accessed July 2025.
23. Cosumnes Community Services Department. *Fire Department Strategic Plan 2022-2027*. Adopted 2022.
24. Consumnes Fire Department. *Fire Department by the Numbers*. Available at: https://www.cosumnescsd.gov/1359/Fire. Accessed August 2025.
25. Department of Toxic Substances Control. *Hazardous Waste and Substances Site List (Cortese).* Available at: https://www.envirostor.dtsc.ca.gov/public/. Accessed July 2025.
26. Eileen Barrow and Associates. *Cultural Resources Study for the Sheffield Subdivision Project 13315 Stockton Boulevard Galt, Sacramento County, California*. May 12, 2025.
27. Federal Emergency Management Agency*. Flood Insurance Rate Map 06067C0468J*. Effective October 20, 2016.
28. Geocon Consultants Inc. *Phase I Environmental Site Assessment Report, Sheffield Subdivision East Stockton Boulevard Galt, California*. April 28, 2025.
29. Geocon Consultants Inc. *Preliminary Geotechnical Evaluation Sheffield Subdivision*. April 24, 2025.
30. GHD. *Sheffield Trip Generation Assessment for Potential VMT Impacts*. June 6, 2025.
31. GHD, Inc. *Simmerhorn Ranch Traffic Impact Study*. November 6, 2019.
32. GHD. *SB 743 – Draft Vehicle Miles Traveled (VMT) Guidance*. April 28, 2022.
33. Governor's Office of Land Use and Climate Innovation. *Technical Advisory on Evaluating Transportation Impacts in CEQA.* December 2018.
34. Madrone Ecological Consulting. *Biological Resources Assessment, Sheffield Subdivision, Sacramento County, California*. April, 2025.
35. Office of Environmental Health Hazard Assessment. *Air Toxics Hot Spots Program Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments.* February 2015.
36. Sacramento County. C*ounty of Sacramento General Plan Conservation Element*. Amended September 26, 2017.
37. Sacramento Metropolitan Air Quality Management District. *Guidance to Address the Friant Ranch Ruling for CEQA Projects in the Sac Metro Air District*. October 2020.
38. Sacramento Metropolitan Air Quality Management District. *Guide to Air Quality Assessment in Sacramento County.* Revised April 2021.
39. Saxelby Acoustics*. Environmental Noise Assessment, Sheffield Subdivision CEQA, City of Galt, California*. May 29, 2025.
40. State Water Resources Control Board. *GeoTracker.* Available at: https://geotracker.waterboards.ca.gov/map/?myaddress=California&from=header&cqid=8858350455. Accessed July 2025.
41. U.S. Environmental Protection Agency. *Contaminated Land*. Available at: https://www.epa.gov/report-environment/contaminated-land#:~:text=Contaminated%20soils%20can%20leach%20toxic,indoor%20air%20in%20overlying%20buildings. Accessed July 2025.
42. U.S. Environmental Protection Agency. *Septic System Impacts on Water Sources*. Available at: https://www.epa.gov/septic/septic-system-impacts-water-sources. Accessed July 2025.
43. U.S. Environmental Protection Agency. *User's Guide for the AMS/EPA Regulatory Model (AERMOD)*. December 2016.

C. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is "Less Than Significant with Mitigation Incorporated" as indicated by the checklist on the following pages.

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

D. DETERMINATION

On the basis of this Initial Study/Mitigated Negative Declaration (IS/MND):

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

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

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

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

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature	Date
Kristyn Bitz	City of Galt, Principal Planner
Printed Name	For

E. INTRODUCTION

This Initial Study/Mitigated Negative Declaration (IS/MND) identifies and analyzes the potential environmental impacts of the proposed project. The information and analysis presented in this document is organized in accordance with the order of the California Environmental Quality Act (CEQA) checklist in Appendix G of the CEQA Guidelines. Where the analysis provided in this document identifies potentially significant environmental effects of the proposed project, mitigation measures are prescribed. The mitigation measures prescribed for environmental effects described in this IS/MND would be implemented in conjunction with the proposed project, as required by CEQA. The mitigation measures would be incorporated into the proposed project through project conditions of approval. The City would adopt findings and a Mitigation Monitoring/Reporting Program (MMRP) for the proposed project in conjunction with approval of the proposed project.

In April 2009, the City of Galt adopted the 2030 Galt General Plan Policy Document (2030 General Plan)[1] and certified an associated Environmental Impact Report (EIR).[2] Similarly, in May 19, 1998 the City of Galt adopted the NEASP[3] and certified an associated EIR.[4] The 2030 General Plan EIR and NEASP EIR are program EIRs, prepared pursuant to Section 15168 of the CEQA Guidelines (Title 14, California Code of Regulations, Sections 15000 et seq.). The 2030 General Plan EIR analyzed full implementation of the 2030 General Plan and identified measures to mitigate the significant adverse impacts associated with the General Plan. Similarly, the NEASP EIR analyzed full implementation of the NEASP and identified measures to mitigate the significant adverse impacts associated with the Specific Plan.

The impact discussions for each section of this IS/MND have been largely based on information in the 2030 General Plan, 2030 General Plan EIR, NEASP, and NEASP EIR, as well as the technical studies prepared specifically for the proposed project and attached as appendices to this IS/MND.

F. PROJECT DESCRIPTION

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

Project Location and Setting

The 9.5-acre project site is located at 13315 East Stockton Boulevard in the City of Galt (see Figure 1 and Figure 2). The project site is identified by APNs 150-0012-007, -025, and -026. The project site is located within the NEASP and designated R-1-C, SP. The 2030 General Plan designates the project site as Low-Density Residential, and the site is zoned R1A.

The project site is currently flat and undeveloped with the exception of one vacant single-family residence and consists of annual grassland with scattered trees throughout. The project site is bound by the Deadman's Gulch drainage channel and an associated riparian corridor to the north and east. Other surrounding existing uses include single-family residences to the north; Canyon Creek Park to the east; single-family residences, Ashboro Park, and undeveloped land to the south; and SR 99, to the west, across East Stockton Boulevard.

---

1 City of Galt. *2030 Galt General Plan Policy Document.* April 2009
2 City of Galt. *Final Environmental Impact Report for the 2030 Galt General Plan SCH No. 2007082092 final.* March 2009.
3 City of Galt. *NEASP.* Revised May 19, 1998.
4 City of Galt. *Final EIR NEASP.* July 10, 1987.

Figure 1
Regional Project Location

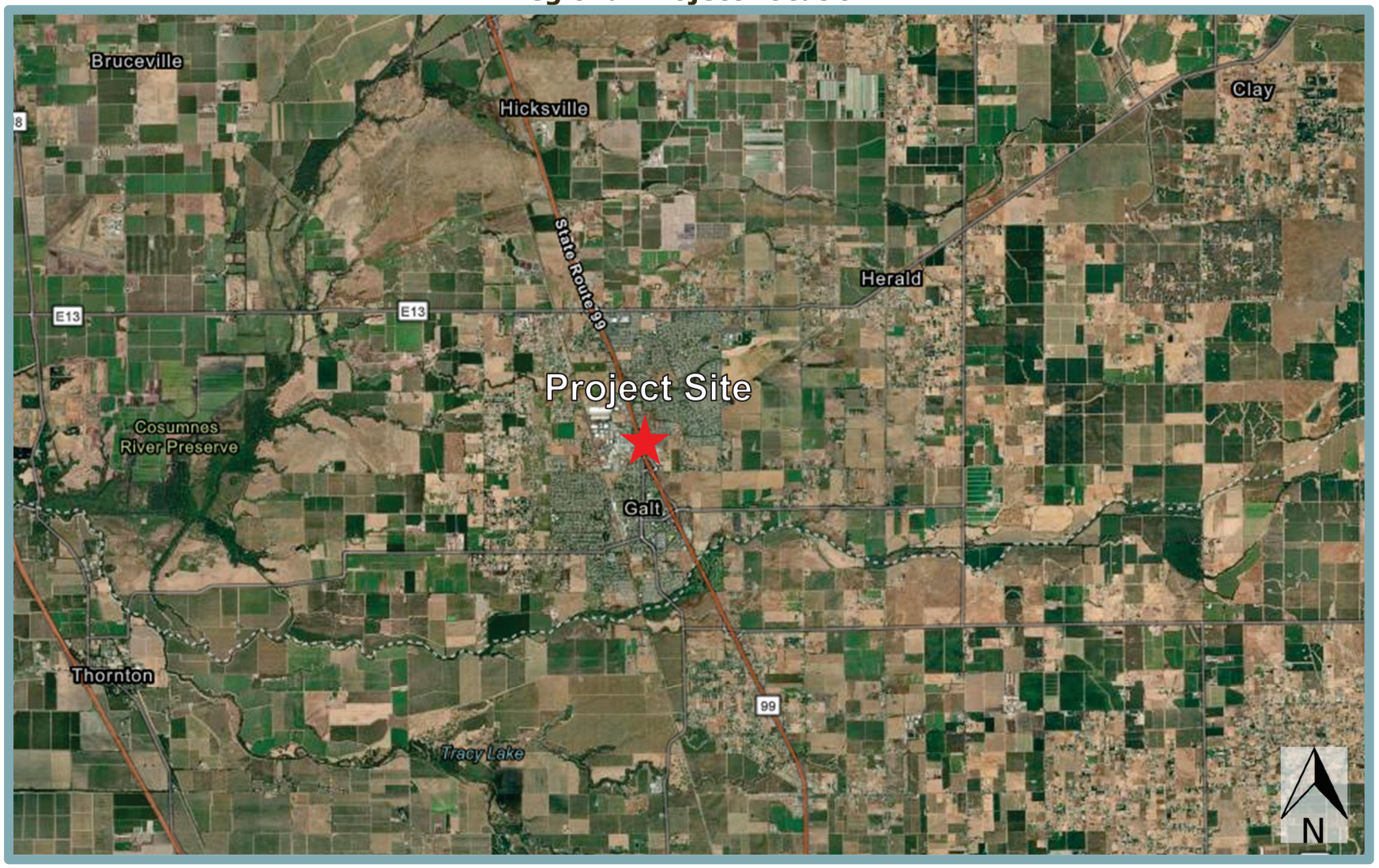


Figure 2
Project Site Boundaries



Project Components

The proposed project would include the demolition of the existing on-site single-family residence, removal of the associated septic system, abandonment of the associated well, removal of 21 on-site trees, and subdivision of the site into 65 single-family residential lots ranging in size from 3,825 sf to 7,170 sf. Subsequent to demolition and subdivision, the project would include the future development of 65 single-family residential units, an internal circulation network with associated sidewalks and landscaped areas, continuation of South Deadman's Gulch Trail, as well as frontage improvements along East Stockton Boulevard. In addition, off-site improvements would include roadway improvements southeast of the project site connecting the stub out of Lyonia Drive (north of Trellis Lane) across parcel 150-0030-012 (which is not part of the project) to the stub of Lyonia Drive to the east. Off-site improvements would also include development of the continuation of the aforementioned South Deadman's Gulch Trail along the northern and eastern property boundaries and along the new Lyonia Drive connection. The proposed project would require approval of a General Plan Amendment to change the General Plan land use designation from Low-Density Residential to Medium Density Residential; a NEASP Map and Text Amendments; a Rezone to change the site's zoning designation from R1A to R2-PD; and a Tentative Subdivision Map. Each of the aforementioned entitlements are described in further detail below. Design Review would be a separate entitlement required for future development of the project site under a separate, future application.

General Plan Amendment

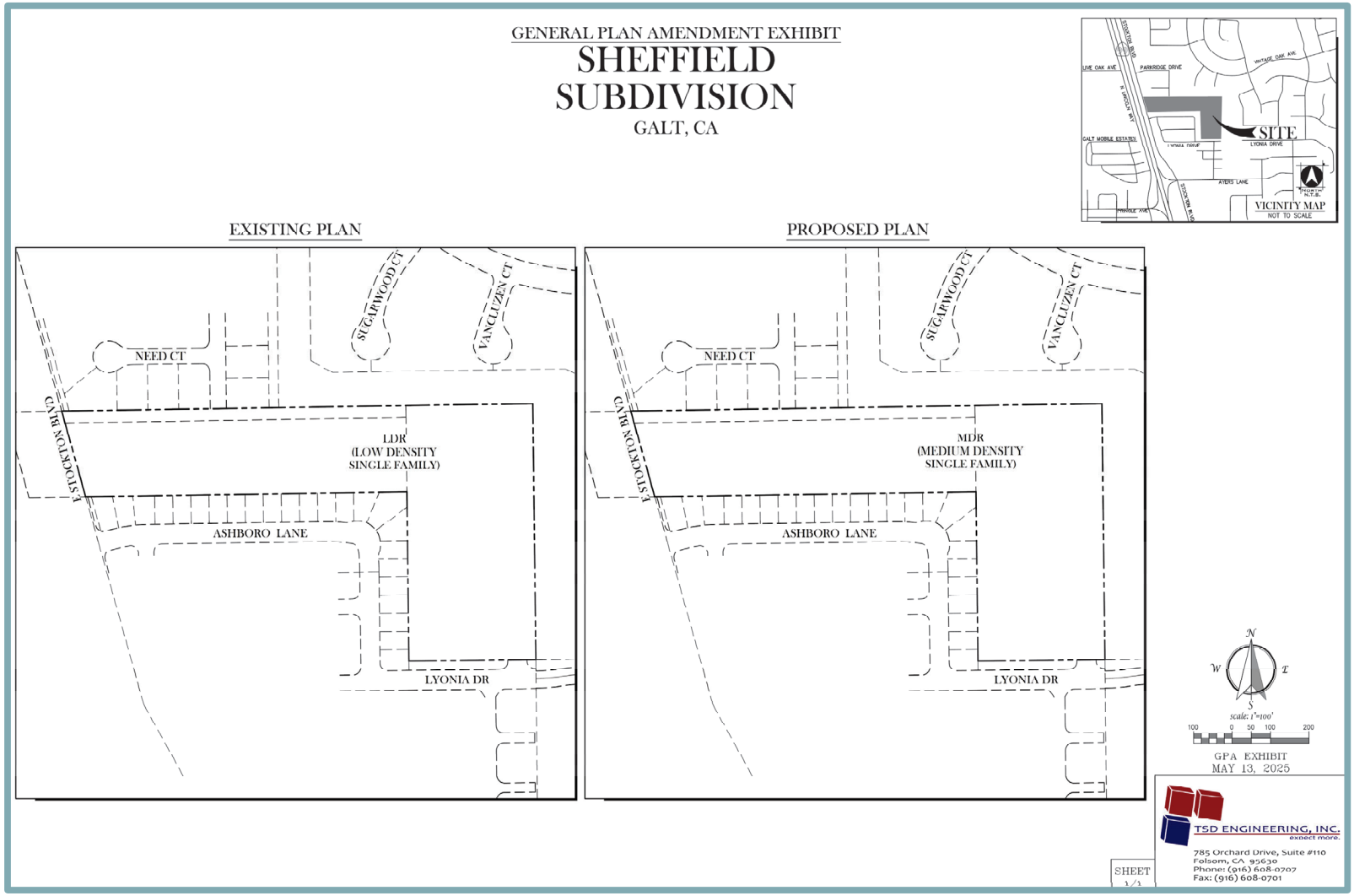
The proposed project would require a General Plan Amendment to change the land use designation of the project site from Low-Density Residential to Medium Density Residential (see Figure 3). The Low-Density Residential land use designation provides for single-family detached homes, accessory dwelling units, public and quasi-public uses, and similar, compatible uses. Low-Density Residential land use is typically located in areas including full urban services, and away from industrial, intensive commercial, and large-scale infrastructure uses. The Medium Density Residential land use designation provides for single-family detached homes, accessory dwelling units, duplexes, and quasi-public uses, and similar, compatible uses. The Medium Density Residential land use designation is typically located adjacent to low-density residential areas and provides a transition between low-density residential areas and medium-high density residential areas. The allowable residential density for the Medium Density Residential land use designation ranges from five to eight du/ac. The residential density of the proposed project is 6.8 du/ac.

NEASP Map and Text Amendments

The proposed project would require a NEASP Map Amendment to change the land use designation of the project site from R-1-C, SP to R2-PD SP. The R-2 SP land use designation provides for single-family, duplexes, and other medium-density residential uses. While single-family houses and duplexes typify the R2 SP designation, other innovative housing techniques, including clustered housing, zero-lot-line developments, and condominiums are permitted when combined with the PD district. The allowable residential density for the R2-PD SP land use designation is 5.5 du/ac to six gross du/ac.

In addition, the proposed project would include a NEASP Text Amendment to increase the maximum residential density for the R2 SP land use designation from six to eight du/ac. By increasing the maximum allowable residential density within the R2 SP land use designation, the NEASP Text Amendment would ensure consistency with the Medium Density Residential land use designation defined by the City's General Plan.

Figure 3
General Plan Amendment



Rezone

The proposed project would require a Rezone to change the zoning designation of the project site from R1A to R2-PD (see Figure 4). The R2 zoning district provides moderate density residential environment with a wide variety of housing types.

The R2 zoning district is typically located adjacent to Low-Density residential areas and provides a transition between Low-Density and medium high density residential. The allowable residential density for the R2 zoning district ranges from five to eight du/ac, consistent with the General Plan Medium Density Residential land use designation.

The intent of the PD combining district is to encourage a creative and efficient approach to the use of land; maximize choice in the type of development available in the City; encourage the efficient allocation and maintenance of open space; provide for the redistribution of overall density where such rearrangement is desirable; and provide the means for greater creativity and flexibility in design than are provided under the strict application of the other zoning district regulations, while at the same time preserving the public interest, health, safety, welfare, and property values. Requirements for the PD combining district, such as a Preliminary Plan and Design Standards, would be established as part of the adoption of the R2-PD zoning district for the project site during the future Design Review approval process.

Following approval of the Rezone, the Planning Commission would review a draft of an ordinance to amend the Development Code of the City to incorporate the proposed PD district in conjunction with the PD application. The proposed project would be required to comply with the provisions of the approved PD ordinance and any covenants, restrictions, development plans, subdivision maps, parcel maps, or surveys required by the PD ordinance, which would include project-specific development standards.

Tentative Subdivision Map

The proposed Tentative Subdivision Map would subdivide the project site into 65 single-family residential lots, as well as a 12,111-sf lot (Lot A) and a 19,336-sf lot (Lot B), consisting of landscaped areas adjacent to the internal circulation network, and a 1,339-sf lot (Lot C) and a 743-sf lot (Lot D), consisting of frontage improvements along East Stockton Boulevard (see Figure 5). The proposed subdivision would also include an internal circulation network and a new multi-use trail. The single-family lots would range in size from 3,825 sf to 7,170 sf. Additional detail regarding site access and circulation, landscaping, utility infrastructure, and off-site improvements is provided below.

Site Access and Circulation

Primary site access would be provided by a new roadway, labeled as Saner Street in Figure 5, connecting to East Stockton Boulevard on the west and connecting to Lyonia Drive on the south. An additional loop road, labeled as Sobey Street in Figure 5, would be constructed between the northern and southeastern sections of Saner Street in the southern portion of the site. The right-of-way (ROW) for the internal roadway network would range from 43 to 50 feet wide and would consist of two 16-foot-wide drive aisles bordered on either side by three-foot-wide curbs and gutters and five-foot-wide sidewalks (see Figure 6). The sidewalks would be located on both sides of the internal roadways and would connect to the existing sidewalk on the east side of East Stockton Boulevard to the west of the site and the north side of Lyonia Drive, to the south of the project site. Street widths would be constructed pursuant to the City of Galt Improvement Standards, including design requirements to allow emergency access.

Figure 4
Rezone

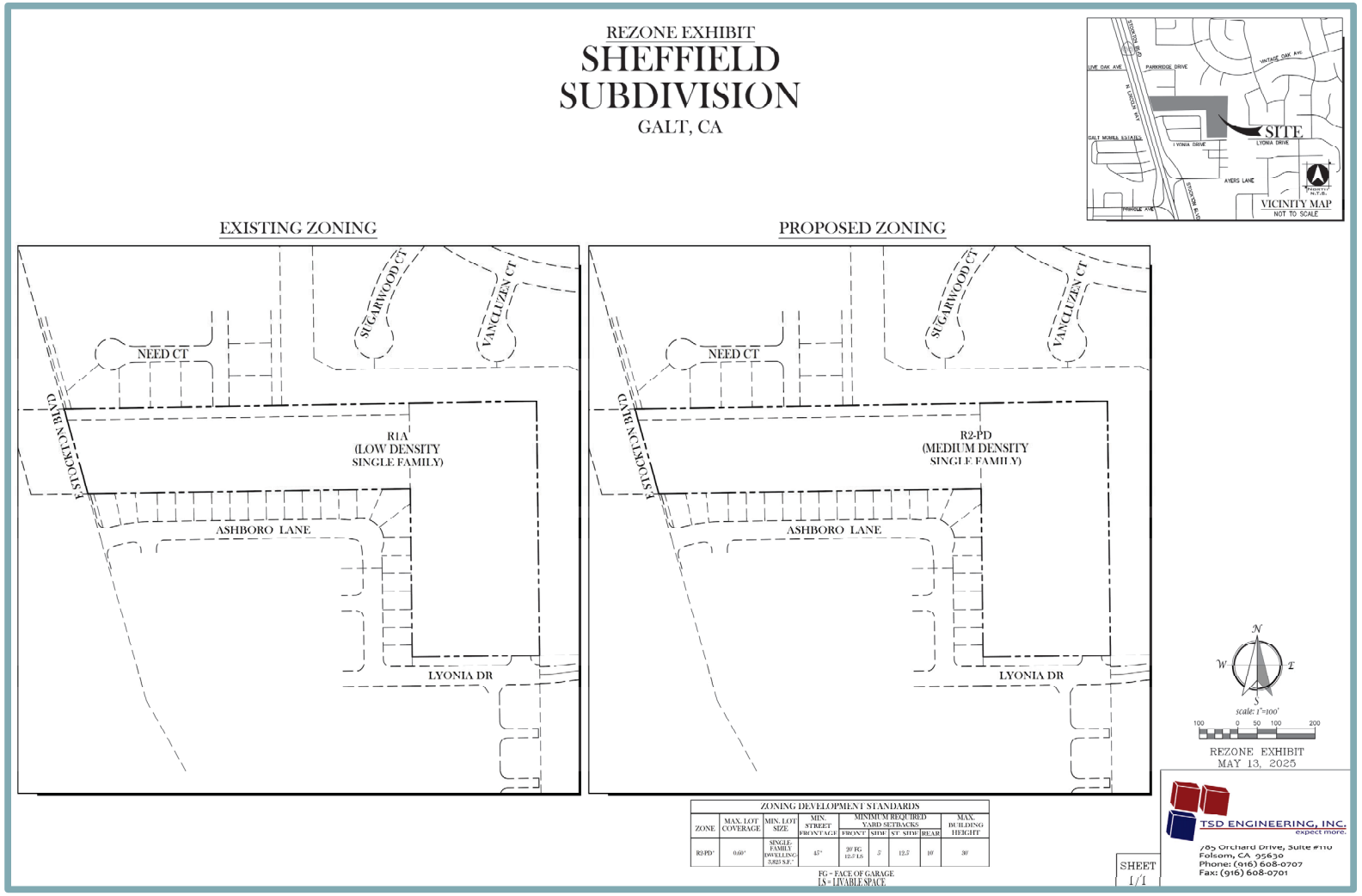


Figure 5
Tentative Subdivision Map

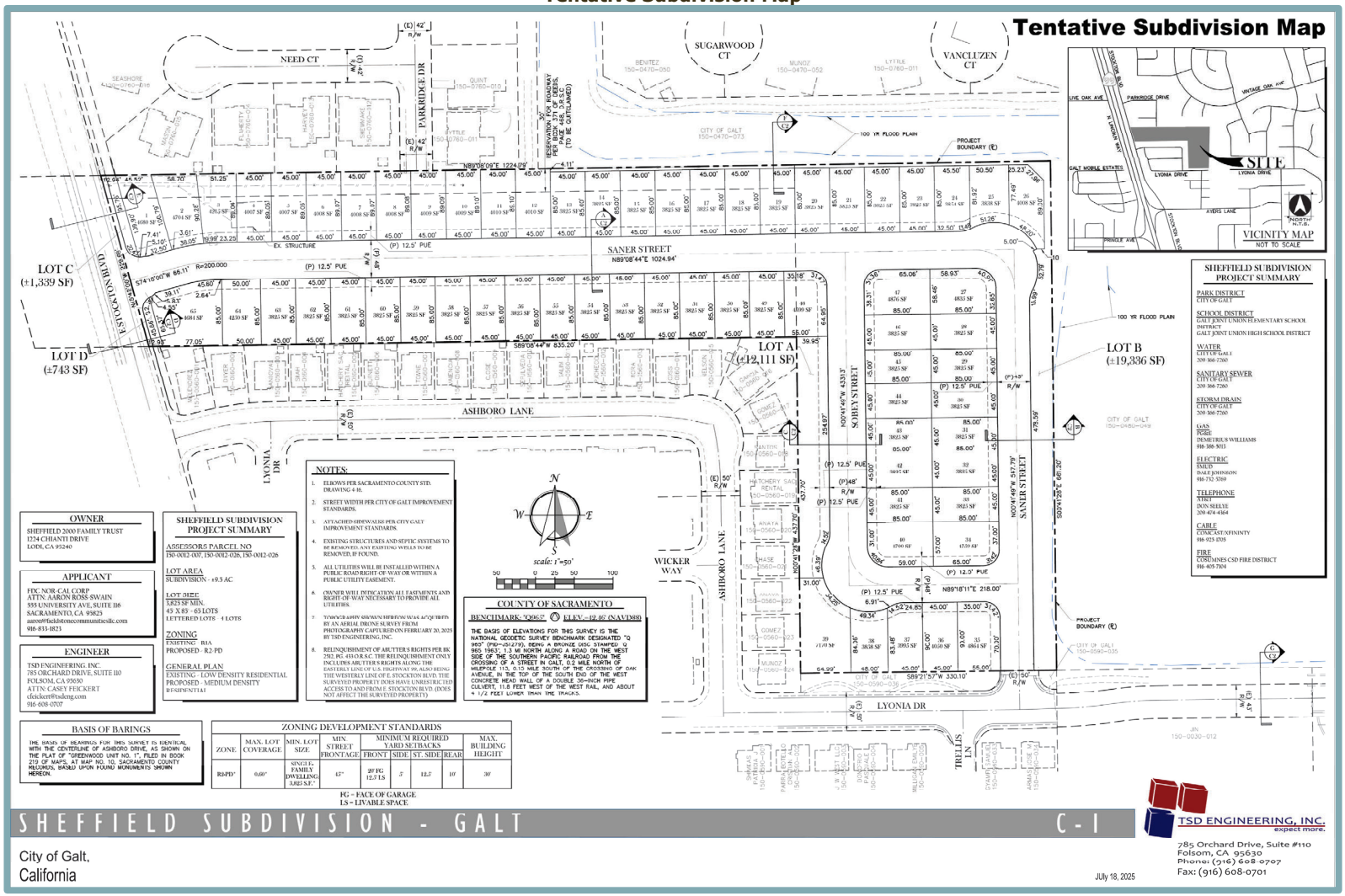
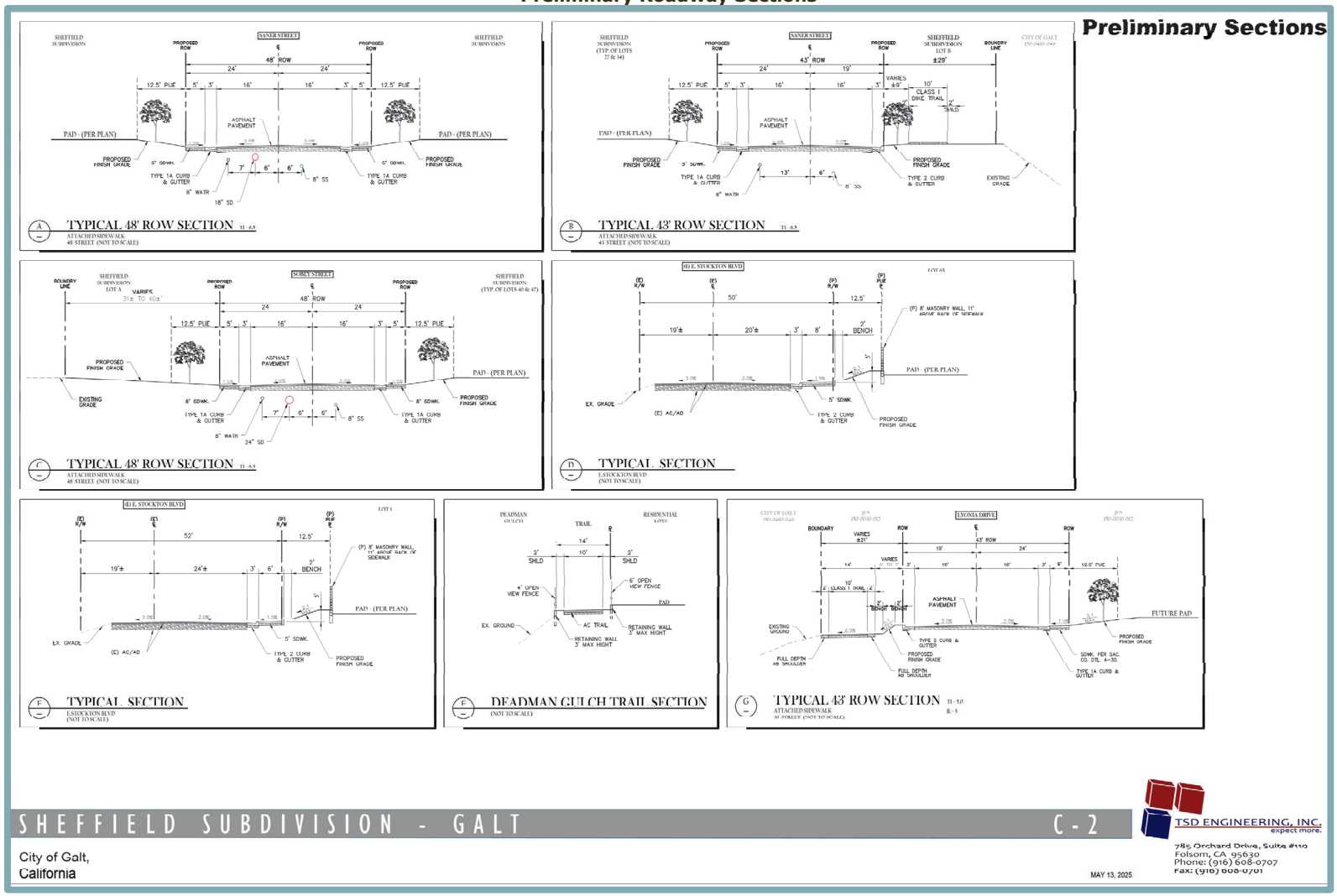


Figure 6
Preliminary Roadway Sections



In addition, a new 10-foot-wide multi-use trail would be located along the northern property boundary and within Lot B in the eastern portion of the site, adjacent to Deadman's Gulch. The multi-use trail would include three-foot-tall retaining walls on either side, a four-foot-tall open-view fence between the northern side of the trail and Deadmand's Gulch, and a six-foot-tall open-view fence between the south side of the trail and the proposed residences. The multi-use trail would connect to the existing multi-use trail north of the project site and would extend along the proposed off-site extension of Lyonia Drive, as discussed in further detail below.

Off-Site Improvements

To facilitate access to the project site and the proposed multi-use trail, the proposed project would include an off-site extension of Lyonia Drive from the existing stub adjacent the site's southeastern boundary to another existing stub located to the east, crossing APN 150-0030-012. The proposed roadway would include an approximately 43-foot-wide ROW consisting of new three-foot-wide type 1A and type 2 curbs and gutters and five-foot-wide sidewalks along either side of the roadway. In addition, the proposed 10-foot-wide extension of South Deadman's Gulch Trail would be developed along the northern and eastern border of the project site and would continue along the northern side of the off-site extension of Lyonia Drive (see Figure 7). The proposed multi-use trail extension would connect the existing trail east of the residential developments north of the site.

Landscaping

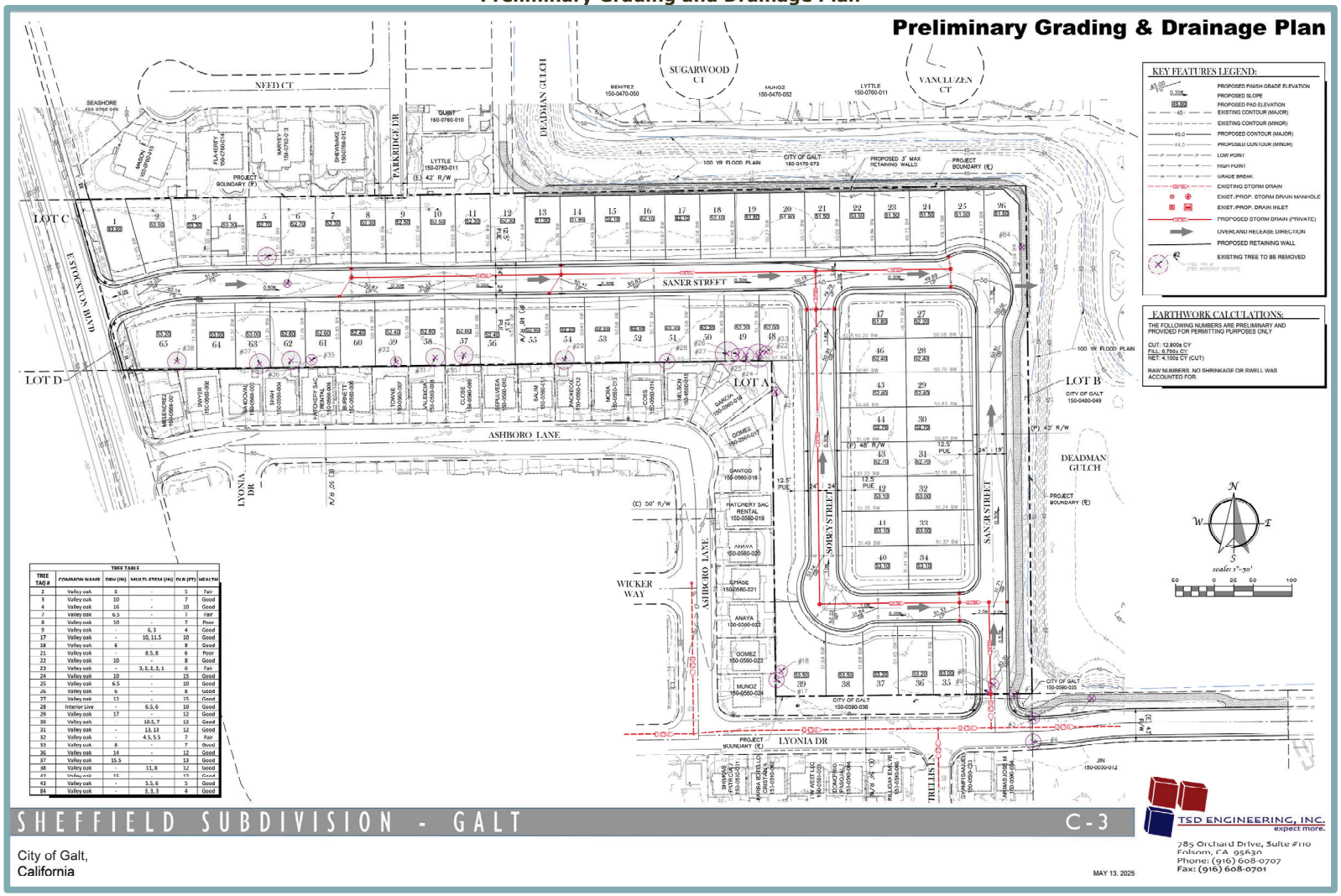
As part of the proposed project, 21 on-site trees would be removed (see Figure 7). Landscaping improvements, including new street trees, would be provided throughout the site. A variety of trees, shrubs, and drought-tolerant landscaping would be provided along Sobey Street and Saner Street within the project site, as well as the frontages of the residential lots (see Figure 8 and Figure 9). Good neighbor fencing would be provided along the boundary of each lot and an open-view metal fence would be provided between the new multi-use trail and the adjacent lots. In addition, masonry walls would be provided along the project site frontage, along East Stockton Boulevard. Lot A would be landscaped with additional trees, Lot B would contain a row of trees between Saner Street and the multi-use trail, and Lots C and D would include frontage landscaping. All landscaping would comply with the State's Model Water Efficient Landscape Ordinance (MWELO). Pursuant to Section 18.68.100 of the City of Galt Development Code, front yard landscaping and future home designs would be subject to Design Review by the City to ensure that the future residences would be compatible with existing and potential development in the surrounding area.

Utilities

Treated water service for the project would be provided by the City of Galt. The proposed project would include the construction of new eight-inch water lines throughout the project site, with connections to the existing ten-inch water main within East Stockton Boulevard west of the site, and the existing eight-inch water main within Lyonia Drive, south of the project site (see Figure 10).

Sanitary sewer service for the proposed project would also be provided by the City of Galt. The City operates and maintains the sewer system, which collects wastewater flows from individual developments within the City and conveys them to the City's wastewater treatment plant (WWTP) located at 10059 Twin Cities Road. The proposed project would include construction of new eight-inch sanitary sewer lines and sanitary sewer manholes throughout the project site, with connections to the existing 18-inch sewer main within East Stockton Boulevard, west of the site (see Figure 10).

Figure 7
Preliminary Grading and Drainage Plan



TREE TAG #	COMMON NAME	DBH (IN)	MULTI-STEM (IN)	DLR (FT)	HEALTH
2	Valley oak	6	-	5	Fair
3	Valley oak	10	-	7	Good
4	Valley oak	16	-	10	Good
7	Valley oak	6.5	-	7	Fair
8	Valley oak	10	-	7	Poor
9	Valley oak	-	6, 3	4	Good
17	Valley oak	-	10, 11.5	10	Good
18	Valley oak	6	-	8	Good
21	Valley oak	-	8.5, 8	6	Poor
22	Valley oak	10	-	8	Good
23	Valley oak	-	3, 2, 2, 2, 1	6	Fair
24	Valley oak	10	-	15	Good
25	Valley oak	6.5	-	10	Good
26	Valley oak	6	-	8	Good
27	Valley oak	13	-	15	Good
28	Interior Live	-	6.5, 6	10	Good
29	Valley oak	17	-	12	Good
30	Valley ash	-	10.5, 7	12	Good
31	Valley oak	-	13, 12	12	Good
32	Valley oak	-	4.5, 5.5	7	Fair
33	Valley oak	8	-	7	Good
36	Valley oak	14	-	12	Good
37	Valley oak	15.5	-	13	Good
38	Valley oak	-	11, 8	12	Good
41	Valley oak	15	-	15	Good
43	Valley oak	-	5.5, 6	5	Good
84	Valley oak	-	3, 3, 3	4	Good

Figure 8
Landscape Site Plan

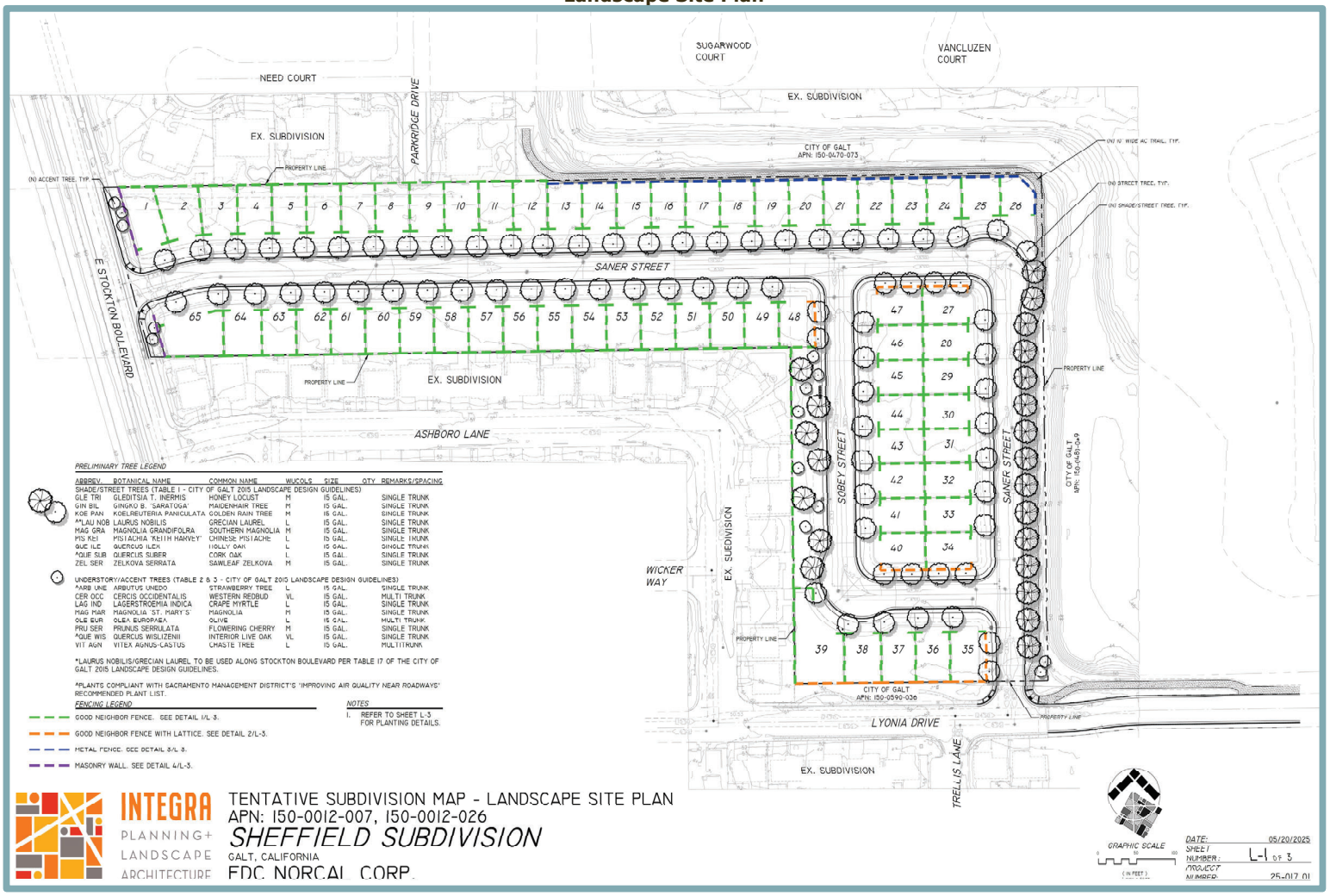


Figure 9
Landscape Plan Lots A, B, C, and D

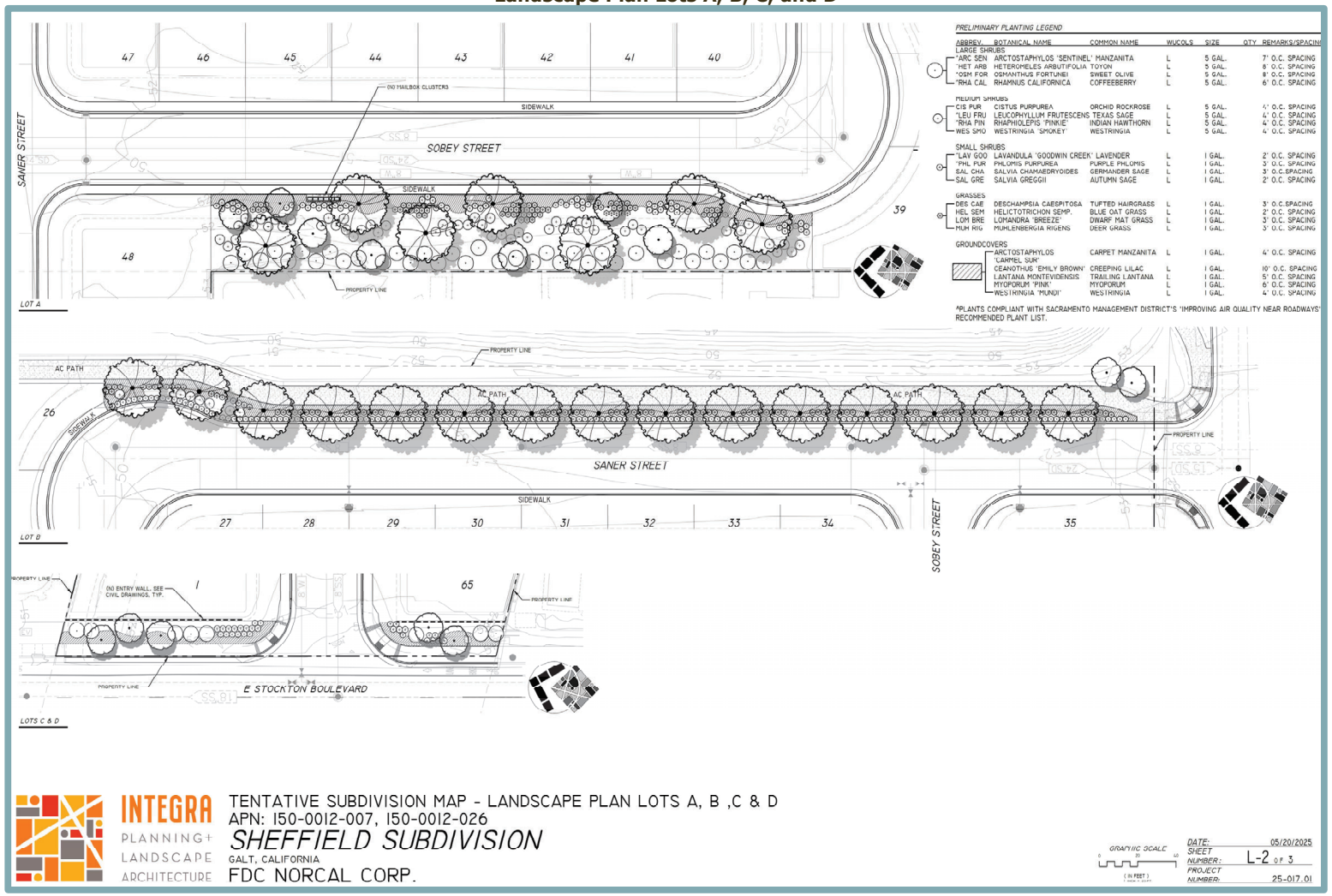
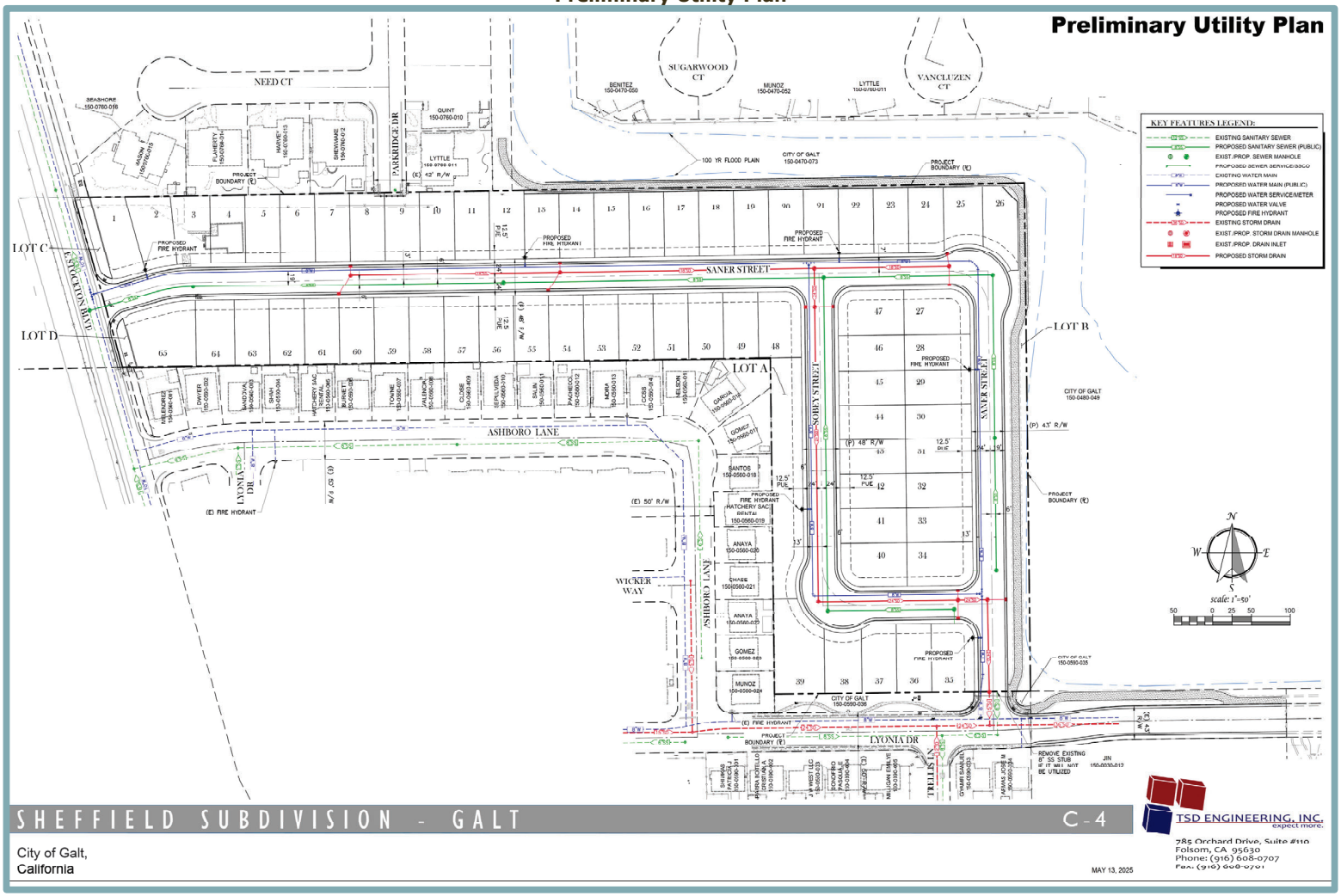


Figure 10
Preliminary Utility Plan



Stormwater runoff from impervious surfaces such as roofs, parking areas, and drive aisles within the project site would infiltrate into landscaped areas or be captured by curb inlets. Captured stormwater flows would be routed by a new network of 15-, 18-, and 24-inch storm drain lines to the existing 24- to 36-inch storm drain line within Lyonia Drive, south of the project site (see Figure 10).

Electricity for the proposed project would be provided by the Sacramento Municipal Utilities District (SMUD) and natural gas would be provided by the Pacific Gas and Electric Company (PG&E) through existing connections in the project site vicinity.

Demolition, Grading, and Construction Details

The project would also require demolition of all existing structures on-site and the removal of 21 on-site trees. Construction of the proposed project would include grading of the 9.5-acre project site, as well as trenching for utility improvements. In addition, a net total of 4,100 cubic yards (CY) of soil would be exported during site preparation (see Figure 7, above).

Discretionary Actions

The proposed project would require the following approvals from the City of Galt:

- Approval of the IS/MND and MMRP;
- Approval of a General Plan Amendment from Low-Density Residential to Medium Density Residential;
- Approval of an Amendment to the NEASP;
- Approval of a Rezone from R1A to R2-PD; and
- Approval of a Tentative Subdivision Map.

G. ENVIRONMENTAL CHECKLIST

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

Potentially Significant Impact: An impact that could be significant, and for which no mitigation has been identified. If any potentially significant impacts are identified, an EIR must be prepared.

Less Than Significant with Mitigation Incorporated: An impact that requires mitigation to reduce the impact to a less-than-significant level.

Less-Than-Significant Impact: Any impact that would not be considered significant under CEQA relative to existing standards.

No Impact: The project would not have any impact.

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

Discussion

a,b. Examples of typical scenic vistas include mountain ranges, ridgelines, or bodies of water as viewed from a highway, public space, or other area designated for the express purpose of viewing and sightseeing. In general, a project's impact to a scenic vista would occur if development of the project would substantially change or remove a scenic vista. According to the 2030 General Plan, scenic vistas are not located in the vicinity of the project site, and, therefore, would not be affected by the proposed project.

According to the California Scenic Highway Mapping System, the project site is located 11.4 miles east of SR 160, which is the nearest officially designated State Scenic Highway to the project site.[5] Because the project site is not visible from SR 160, the proposed project would not have the potential to damage scenic resources within a State scenic highway. The proposed project would not have a substantial adverse effect on a scenic vista or substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway. Therefore, ***no impact*** would occur.

c. The project site is located within an urbanized area of the City. Therefore, the applicable CEQA consideration is whether the project would conflict with applicable zoning and other regulations related to scenic quality.

The project site has been previously anticipated for residential development by the City's General Plan, and impacts related to degradation of visual character and quality were analyzed in the General Plan EIR. While the project would require a General Plan Amendment from Low-Density Residential to Medium Density Residential and a Rezone from R1A to R2-PD, the proposed development would be generally consistent with the type of development anticipated for the site, as well as the existing residential development to the north and south of the site.

Furthermore, pursuant to Section 18.68.100 of the Development Code, the project would be subject to future Design Review. The purpose of Design Review is to establish

[5] California Department of Transportation. *California Scenic Highway System Map*. Available at: https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=465dfd3d807c46cc8e8057116f1aacaa. Accessed June 2025.

procedures and standards to promote excellence in site planning and building design, to encourage the harmonious appearance of buildings and sites, to ensure that new and modified uses will be compatible with existing and potential development of the surrounding area, to ensure that projects comply with the design standards and intent of specific plans, and to produce an environment of stable and desirable character. Thus, the future Design Review process would ensure that the proposed project would be consistent with design standards related to scenic quality. The proposed project would include landscaping features along the internal roadway network and at the project site frontage, as well as non-combustible metal fencing along the northern boundary of the project site, which would help screen the proposed development from the adjacent existing residences.

In addition, the proposed project would be required to implement all relevant goals and policies of the City's General Plan related to impacts resulting from conflict with applicable zoning policies and other regulations governing scenic quality. Such General Plan Policies include but are not limited to the following:

- Policy CC-1.1: City Image. The City should promote high quality design and building materials for all new development.
- Policy CC-1.2: Neighborhood Integrity. The City should protect and enhance the character and integrity of existing residential neighborhoods and protect these neighborhoods from incompatible uses.
- Policy CC-1.4: New Neighborhood Design. The City should require new neighborhoods to have a unique sense of place (i.e., entry designs, architecture, design features) that sets them apart from existing neighborhoods.
- Policy CC-1.6: Open Space Features. The City should promote community design that incorporates the open space features of Galt's rivers, creek, wetlands, trail corridors, and parks into the travel experience. This includes visual access to open space features and private and public investment that visually frames and complements natural landscapes and parks.
- Policy CC-1.7: Viewsheds. The City should work to protect views from frequently used gathering places, major streets, and pedestrian paths to provide a sense of place and orientation.
- Policy CC-1.8: Building Elevations. The City shall require that all exterior elevations have structural architectural treatments to alleviate long void surfaces. This can be accomplished through varying setbacks, breaking buildings into segments, pitched roof elements, columns, fenestration (doors and windows), substantial building relief/reveals to provide shadow and interest, patios, and similar treatments.
- Policy CC-1.9 Signage: The City should require that all signs on existing buildings be made of durable, high quality materials such as stone, tile, cast concrete, or similar materials. No bare metals, wood, or any other non-durable material shall be allowed.

Compliance with the aforementioned policies from the City's General Plan and the future Design Review process would ensure that the proposed project would be consistent with the City's applicable zoning policies and other regulations governing scenic quality. Based on the above, the proposed project would not conflict with applicable zoning and other regulations governing scenic quality, and a ***less-than-significant*** impact would occur.

d. The project site is currently flat and undeveloped with the exception of one vacant single-family residence. Therefore, redevelopment of the project site with 65 residences would

add new sources of light and glare to the site, where minimal sources currently exist. Appropriate building materials, such as low-glare glass and low-glare building glaze or finish, would be used in the construction of the proposed residences to prevent light and glare from adversely affecting adjacent properties. The proposed project is also anticipated to include interior lights spilling from the windows of future residences. In addition, the proposed project would generate vehicle trips which, in turn, would create sources of light from vehicle headlights. As previously discussed, the project site is surrounded by existing development, including similar land uses as the proposed project. Light and glare associated with the proposed project would be expected to be similar to that of the surrounding area.

Future redevelopment on the project site would be subject to the City of Galt's Design Review process. The proposed project would also be required to implement all relevant goals and policies of the City's General Plan. Applicable General Plan goals and policies designed to minimize impacts resulting from new sources of substantial light or glare include, but are not limited to, the following:

- Policy CC-1.11: Outdoor Lighting. The City shall ensure that future development includes provisions for the design of outdoor light fixtures to be directed/shielded downward and screened to avoid nighttime spillover effects on adjacent land uses and nighttime sky conditions.
- Policy CC-1.12: Reflective Materials. The City shall consider a range of building materials to ensure that future building design reduces the impacts of daytime glare.

Compliance with the aforementioned policies from the City's General Plan and the future Design Review process would ensure that the light and glare created by the proposed project would be consistent with the levels of light and glare currently emitted in the surrounding area, and would not adversely affect the existing residences to the north or south of the site. However, without provision of a lighting plan demonstrating compliance with the design guidelines provided in the aforementioned General Plan Policies, the proposed project could result in a ***potentially significant*** impact related to creating a new source of substantial light or glare which would adversely affect day or nighttime views in the area.

Mitigation Measure(s)

Implementation of the following mitigation measures would reduce the above potential impact to a *less-than-significant* level.

I-1 *In conjunction with submittal of Improvement Plans and Building Permits, the applicant shall submit a lighting plan (photometric plan) for the review and approval of the Community Development Department. The lighting plan shall indicate the provision of shielding for all light fixtures to avoid nighttime lighting spillover effects on adjacent land uses and nighttime sky conditions. In addition, the lighting plan shall address limiting light trespass and glare through the use of shielding and directional lighting methods including, but not limited to, fixture location, design, and height. The applicant shall implement the approved lighting plan in conjunction with development of the proposed project, for the review and approval of the Community Development Department.*

II. AGRICULTURE AND FOREST RESOURCES. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	✖	☐
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	✖
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	✖
d. Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	✖
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	✖	☐

Discussion

a,e. Currently, the project site is flat and undeveloped, with the exception of one vacant single-family residence in the northwest portion of the site, as well as scattered trees throughout. According to the California Department of Conservation Farmland Mapping and Monitoring Program (FMMP), the northern portion of the project site is designated as "Urban and Built Up Land," while the remainder of the project site is designated "Farmland of Local Importance" or "Grazing Land."[6] Farmland of Local importance is defined as land of importance to the local agricultural economy and Grazing Land is defined as land on which the existing vegetation is suited to the grazing of livestock. However, according to PRC Section 21060.1, "agricultural land" is defined as Prime Farmland, Farmland of Statewide Importance, or Unique Farmland. Therefore, Farmland of Local Importance and Grazing Land do not constitute Farmland under CEQA, and development of the proposed project would not result in the conversion of Farmland to a non-agricultural use. Furthermore, the site is not zoned or designated in the General Plan for agriculture uses. Given the FMMP designations of the site, development of the proposed project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to a non-agricultural use, or otherwise result in the loss of Farmland to non-agricultural use. Therefore, the proposed project would have a ***less-than-significant*** impact.

b. The project site is currently zoned R1A and, thus, has been anticipated for development with residential uses by the City. The project site is not zoned for agricultural use and is not under a Williamson Act contract. Therefore, the proposed project would not conflict with existing zoning for agricultural use, or a Williamson Act contract, and ***no impact*** would occur.

[6] California Department of Conservation. *California Important Farmland Finder.* Available at: https://maps.conservation.ca.gov/DLRP/CIFF/. Accessed June 2025.

c,d. The project site is not considered forest land (as defined in Public Resources Code section 12220[g]), timberland (as defined by Public Resources Code section 4526), and is not zoned Timberland Production (as defined by Government Code section 51104[g]). As noted above, the project site is currently zoned R1A. Therefore, the proposed project would not conflict with existing zoning for, or cause rezoning of, forest land, timberland, or timberland zoned Timberland Production, and the project would not otherwise result in the loss of forest land or conversion of forest land to non-forest use. Thus, ***no impact*** would occur.

III. AIR QUALITY. *Would the project:*		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a.	Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	✖	☐
b.	Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	✖	☐
c.	Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	✖	☐
d.	Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	✖	☐

Discussion

a,b. The City of Galt is located within the boundaries of the Sacramento Valley Air Basin (SVAB) and under the jurisdiction of the Sacramento Metropolitan Air Quality Management District (SMAQMD). Federal and State ambient air quality standards (AAQS) have been established for six common air pollutants, known as criteria pollutants, due to the potential for pollutants to be detrimental to human health and the environment. The criteria pollutants include particulate matter (PM), ground-level ozone, carbon monoxide (CO), sulfur oxides, nitrogen oxides (NO_X), and lead. At the federal level, Sacramento County is designated as severe nonattainment for the 8-hour ozone AAQS, nonattainment for the 24-hour $PM_{2.5}$ AAQS, and attainment or unclassified for all other criteria pollutant AAQS. At the State level, the area is designated as a serious nonattainment area for the 1-hour ozone AAQS, nonattainment for the 8-hour ozone AAQS, nonattainment for the 24-hour PM_{10}, AAQS, and attainment or unclassified for all other State AAQS.

Due to the nonattainment designations, SMAQMD, along with the other air districts in the SVAB region, is required to develop plans to attain the federal and State AAQS for ozone and particulate matter. The attainment plans currently in effect for the SVAB are the 2013 Revisions to the Sacramento Regional 8-Hour Ozone Attainment and Reasonable Further Progress Plan (2013 Ozone Attainment Plan), $PM_{2.5}$ Implementation/Maintenance Plan and Re-designation Request for Sacramento $PM_{2.5}$ Nonattainment Area ($PM_{2.5}$ Implementation/Maintenance Plan), and the 1991 Air Quality Attainment Plan (AQAP), including triennial reports. The air quality plans include emissions inventories to measure the sources of air pollutants, to evaluate how well different control measures have worked, and show how air pollution would be reduced. In addition, the plans include the estimated future levels of pollution to ensure that the area would meet air quality goals.

Nearly all development projects in the Sacramento region have the potential to generate air pollutants that may increase the difficulty of attaining federal and State AAQS. In order to evaluate ozone and other criteria air pollutant emissions and support attainment goals for those pollutants for which the area is designated nonattainment, SMAQMD has developed the Guide to Air Quality Assessment in Sacramento County (SMAQMD CEQA Guide), which includes recommended thresholds of significance, including mass emission thresholds for construction-related and operational ozone precursors, as the area is under nonattainment for ozone.[7] The SMAQMD's recommended thresholds of significance for the ozone precursors reactive organic compounds (ROG) and NO_X, which are expressed

[7] Sacramento Metropolitan Air Quality Management District. *Guide to Air Quality Assessment in Sacramento County*. Revised April 2021.

in pounds per day (lbs/day) and tons per year (tons/yr), are presented in Table 1. As shown in the table, SMAQMD has construction and operational thresholds of significance for PM_{10} and $PM_{2.5}$ expressed in both lbs/day and tons/yr. Because construction equipment emits relatively low levels of ROG, and ROG emissions from other construction processes (e.g., asphalt paving, architectural coatings) are typically regulated by SMAQMD, SMAQMD has not adopted a construction emissions threshold for ROG.

Table 1
SMAQMD Thresholds of Significance

Pollutant	Construction Thresholds	Operational Thresholds
ROG	--	65 lbs/day
NO_X	85 lbs/day	65 lbs/day
PM_{10}*	80 lbs/day 14.6 tons/yr	80 lbs/day 14.6 tons/yr
$PM_{2.5}$*	82 lbs/day 15 tons/yr	82 lbs/day 15 tons/yr

* The thresholds of significance for PM_{10} and $PM_{2.5}$ presented above are only applicable if all feasible best available control technology/best management practices (BACT/BMPs) are applied. If all feasible BACT/BMPs are not applied, then the applicable threshold is zero. All feasible BACT/BMPs would be applied to the proposed project.

Source: SMAQMD, SMAQMD CEQA Guide Revised April 2021.

In order to determine whether the proposed project would result in criteria pollutant emissions in excess of the applicable thresholds of significance presented above, the proposed project's construction and operational emissions were quantified using the web-based California Emissions Estimator Model (CalEEMod) software version 2022.1.29 – a statewide model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify air quality emissions, including greenhouse gas (GHG) emissions, from land use projects. The model applies inherent default values for various land uses, including construction data, trip generation rates, vehicle mix, trip length, average speed, etc. However, where project-specific data is available, such data should be input into the model.

The proposed project's modeling assumed the following:

- Construction would begin in April 2026 and occur over approximately two years;
- All 65 units would include natural gas fireplaces;
- Demolition would involve the removal of 1,800 sf of building material;
- The proposed project would use Tier 4 Final Engines; and
- A total of 292 kilowatt-hours (kWh) per year would be generated by on-site rooftop solar systems.

The proposed project's estimated emissions associated with construction and operations and the project's contribution to cumulative air quality conditions are provided below. All CalEEMod results are included as Appendix A to this IS/MND.

Construction Emissions

During construction of the proposed project, various types of equipment and vehicles would temporarily operate on the project site. Construction exhaust emissions would be generated from construction equipment, vegetation clearing and earth movement activities, construction worker commutes, and construction material hauling for the entire

construction period. The aforementioned activities would involve the use of diesel- and gasoline-powered equipment that would generate emissions of criteria pollutants. Project construction activities also represent sources of fugitive dust, which includes PM emissions. As construction of the proposed project would generate air pollutant emissions intermittently within the site and vicinity, until all construction has been completed, construction is a potential concern because the project is in a non-attainment area for ozone, PM_{10}, and $PM_{2.5}$.

To apply the construction thresholds presented in Table 1, projects must implement all feasible SMAQMD BACTs and BMPs related to dust control. The control of fugitive dust during construction is required by SMAQMD Rule 403, and enforced by SMAQMD staff. The BMPs for dust control include the following:

- Water all exposed surfaces two times daily. Exposed surfaces include, but are not limited to soil piles, graded areas, unpaved parking areas, staging areas, and access roads;
- Cover or maintain at least two feet of free board space on haul trucks transporting soil, sand, or other loose material on the site. Any haul trucks that would be traveling along freeways or major roadways should be covered;
- Use wet power vacuum street sweepers to remove any visible trackout mud or dirt onto adjacent public roads at least once a day. Use of dry power sweeping is prohibited;
- Limit vehicle speeds on unpaved roads to 15 miles per hour (mph);
- All roadways, driveways, sidewalks, parking lots to be paved should be completed as soon as possible. In addition, building pads should be laid as soon as possible after grading unless seeding or soil binders are used;
- Minimize idling time either by shutting equipment off when not in use or reducing the time of idling to five minutes [California Code of Regulations [CCR], Title 13, sections 2449(d)(3) and 2485]. Provide clear signage that posts this requirement for workers at the entrances to the site;
- Provide current certificate(s) of compliance for the California Air Resources Board's (CARB's) In-Use Off-Road Diesel-Fueled Fleets Regulation [CCR, Title 13, sections 2449 and 2449.1]. For more information contact CARB at 877-593-6677, doors@arb.ca.gov, or www.arb.ca.gov/doors/compliance_cert1.html; and
- Maintain all construction equipment in proper working condition according to manufacturer's specifications. The equipment must be checked by a certified mechanic and determined to be running in proper condition before it is operated.

Compliance with the foregoing measures is required pursuant to Rule 403, and project construction is assumed to include compliance with the foregoing measures. The foregoing measures would also be incorporated into the project through Conditions of Approval. Consequently, the project PM emissions are assessed in comparison to the thresholds presented in Table 1 above.

According to the CalEEMod results, the proposed project would result in maximum unmitigated construction criteria air pollutant emissions as shown in Table 2. As shown in the table, the project's construction emissions would be below the applicable SMAQMD thresholds of significance for NO_X, PM_{10}, and $PM_{2.5}$.

Table 2 Maximum Unmitigated Construction Emissions			
Pollutant	**Proposed Project Emissions**	**Threshold of Significance**	**Exceeds Threshold?**
NO_X	11.1 lbs/day	85 lbs/day	**NO**
PM_{10}	23.0 lbs/day and 0.24 tons/yr	80 lbs/day and 14.6 tons/yr	**NO**
$PM_{2.5}$	10.8 lbs/day and 0.10 tons/yr	82 lbs/day and 14.6 tons/yr	**NO**
Source: CalEEMod, May 2025 (see Appendix A).			

In addition, the proposed project would be required to comply with all SMAQMD rules and regulations for construction, which would further reduce construction emissions of criteria pollutants to levels lower than those presented in Table 2. Applicable rules and regulations would include, but would not be limited to, the following:

- Rule 403 related to Fugitive Dust;
- Rule 404 Related to Particulate Matter;
- Rule 407 related to Open Burning;
- Rule 442 related to Architectural Coatings;
- Rule 453 related to Cutback and Emulsified Asphalt Paving Materials; and
- Rule 460 related to Adhesives and Sealants.

Thus, in accordance with SMAQMD guidance, the proposed project would be considered to have a less-than-significant impact on air quality during construction.

Operational Emissions

Operational emissions of ROG, NO_X, and PM would be generated by the proposed project from both mobile and stationary sources. Day-to-day activities, such as the future vehicle trips to and from the project site, would make up the majority of the mobile emissions. Emissions would also occur from area sources, such as landscape maintenance equipment exhaust.

According to the CalEEMod results, the estimated operational emissions for the project are presented below in Table 3. It should be noted that the proposed project would not involve installation or operation of any pieces of equipment that would require implementation of SMAQMD's BACTs; therefore, the proposed project would be subject to SMAQMD's mass emissions thresholds for PM_{10} and $PM_{2.5}$.

Table 3 Maximum Unmitigated Operational Emissions			
Pollutant	**Project Emissions**	**Operational Threshold**	**Exceeds Threshold?**
ROG	6.16 lbs/day	65 lbs/day	**NO**
NO_X	3.98 lbs/day	65 lbs/day	**NO**
PM_{10}	6.52 lbs/day and 1.14 tons/yr	80 lbs/day and 14.6 tons/yr	**NO**
$PM_{2.5}$	1.73 lbs/day and 0.30 tons/yr	82 lbs/day and 15 tons/yr	**NO**
Source: CalEEMod, May 2025 (see Appendix A).			

As Table 3 indicates, the project's maximum unmitigated operational emissions would be below the applicable thresholds of significance. Therefore, operations associated with the proposed project would not substantially contribute to the SVAB's non-attainment status

for ozone or PM_{10}, and a less-than-significant impact would occur associated with operations.

Cumulative Emissions

A cumulative impact analysis considers a project over time in conjunction with other past, present, and reasonably foreseeable future projects whose impacts might compound those of the project being assessed. Due to the dispersive nature and regional sourcing of air pollutants, air pollution is already largely a cumulative impact. The non-attainment status of regional pollutants, including ozone and PM, is a result of past and present development and, thus, cumulative impacts related to these pollutants could be considered cumulatively significant.

Adopted SMAQMD rules and regulations, as well as the thresholds of significance, have been developed with the intent to ensure continued attainment of AAQS, or to work towards attainment of AAQS for which the area is currently designated non-attainment, consistent with applicable air quality plans. As future attainment of AAQS is a function of successful implementation of SMAQMD's planning efforts, according to the SMAQMD CEQA Guide, by exceeding the SMAQMD's project-level thresholds for construction or operational emissions, a project could contribute to the region's non-attainment status for ozone and PM emissions and could be considered to conflict with or obstruct implementation of the SMAQMD's air quality planning efforts.

As discussed above, the proposed project would result in construction and operational emissions below all applicable SMAQMD thresholds of significance for criteria pollutants. Therefore, the project would not be considered to result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment, and impacts would be considered less than significant.

Conclusion

As discussed above, both construction-related and operational emissions resulting from implementation of the proposed project would be below SMAQMD's applicable thresholds of significance. Because the proposed project would result in emissions below the applicable thresholds of significance during both construction and operations, the proposed project would not violate an AAQS, contribute substantially to an existing or projected air quality violation, or result in PM concentrations greater than the applicable thresholds. Thus, a ***less-than-significant*** impact would result.

c. Some land uses are considered more sensitive to air pollution than others, due to the types of population groups or activities involved. Heightened sensitivity may be caused by health problems, proximity to the emissions source, and/or duration of exposure to air pollutants. Children, pregnant women, the elderly, and those with existing health problems are especially vulnerable to the effects of air pollution. Sensitive receptors are typically defined as facilities where sensitive receptor population groups (i.e., children, the elderly, the acutely ill, and the chronically ill) are likely to be located. Accordingly, land uses that are typically considered to be sensitive receptors include residences, schools, playgrounds, childcare centers, retirement homes, convalescent homes, hospitals, and medical clinics. In the vicinity of the project site, sensitive land uses include existing single-family residences located to the north, east, and south of the project site, and a playground to the east of the project site. The nearest receptors are located approximately 15 feet to the north of the project site boundary.

The major pollutant concentrations of concern are localized CO, toxic air contaminants (TACs), and criteria pollutants, which are discussed in further detail below.

Localized CO Emissions

Localized concentrations of CO are related to the levels of traffic and congestion along streets and at intersections. Pursuant to the SMAQMD CEQA Guide, emissions of CO are generally of less concern than other criteria pollutants, as operational activities are not likely to generate substantial quantities of CO, and the SVAB has been in attainment for CO for multiple years.[8] The proposed project would not involve operational changes that could result in long-term generation of CO. The use of construction equipment at the project site would result in limited generation of CO; however, the total amount of CO emitted by construction equipment would be minimal and would not have the potential to result in health risks to any nearby receptors. Consequently, the proposed project would result in a less-than-significant impact related to localized CO emissions.

TAC Emissions

Another category of environmental concern is TACs. The CARB's *Air Quality and Land Use Handbook: A Community Health Perspective* (Handbook) provides recommended setback distances for sensitive land uses from major sources of TACs, including, but not limited to, freeways and high traffic roads, distribution centers, and rail yards.[9] The CARB has identified diesel particulate matter (DPM) from diesel-fueled engines as a TAC; thus, high volume freeways, stationary diesel engines, and facilities attracting heavy and constant diesel vehicle traffic are identified as having the highest associated health risks from DPM. Health risks associated with TACs are a function of both the concentration of emissions and the duration of exposure, where the higher the concentration and/or the longer the period of time that a sensitive receptor is exposed to pollutant concentrations would correlate to a higher health risk.

Operational-related emissions of TACs are typically associated with stationary diesel engines or land uses that involve heavy diesel truck traffic or idling. Although the proposed project includes the development of commercial uses which would attract vehicles, the nature of the proposed commercial uses does not involve the long-term operation of any stationary diesel engines or other major on-site stationary sources of TACs. As such, the proposed project does not include any operations that would be considered a substantial source of TACs and would not expose sensitive receptors to excess concentrations of TACs during operations.

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

To analyze potential health risks to nearby sensitive receptors that could result from DPM emissions from off-road equipment at the project site, total DPM emissions from project

---

8 Sacramento Metropolitan Air Quality Management District. *Guide to Air Quality Assessment, Chapter 4: Operational Criteria Air Pollutant and Precursor Emissions*. October 2020.

9 California Air Resources Board. *Air Quality and Land Use Handbook: A Community Health Perspective*. April 2005.

construction were estimated. DPM is considered a subset of $PM_{2.5}$, thus, the CalEEMod estimated $PM_{2.5}$ emissions from exhaust during construction was assumed to conservatively represent all DPM emitted on-site.

The CalEEMod estimated $PM_{2.5}$ exhaust emissions were used to calculate the concentration of DPM at the maximally exposed sensitive receptor near the project site. DPM concentrations resulting from project implementation were estimated using the American Meteorological Society/Environmental Protection Agency (AMS/EPA) Regulatory Model (AERMOD). In addition, the following information was input into the AMS/EPA AERMOD Model:

- Meteorology data was sourced from the Sacramento International Airport;
- Surrounding area receptors were placed in polygon grid pattern with the closest receptors (i.e., within 0.25-mile radius) placed five meters apart, and farther receptors placed 10 meters apart as distance increases;
- Volume sources were placed over the entire disturbance area in a grid of approximately four sources per acre;
- Volume sources were assumed to have a release height of five meters, the initial lateral dimension was assumed to be 29.59 meters, and the initial vertical dimension was assumed to be one meter; and
- Construction was assumed to occur between 6:00 AM and 8:00 PM, Monday through Friday and between 7:00 AM and 8:00 PM on Saturdays and Sundays, consistent with the City's municipal code.

The associated cancer risk and non-cancer hazard index were calculated using the CARB's Hotspot Analysis Reporting Program Version 2 (HARP 2) Risk Assessment Standalone Tool (RAST), which calculates the cancer and non-cancer health impacts using the risk assessment guidelines of the 2015 Office of Environmental Health Hazard Assessment (OEHHA) Guidance Manual for Preparation of Health Risk Assessments.[10] The modeling was performed in accordance with the United States Environmental Protection Agency's (USEPA's) User's Guide for the AERMOD[11] and the 2015 OEHHA Guidance Manual. The results of the dispersion modeling are included as Figure 11. As shown in the figure, the maximally-exposed receptor, represented by a white X, is located just southeast of the project site.

Based on the foregoing methodology, and the methodology presented in response to questions 'a' and 'b' regarding the estimation of construction emissions, the cancer risk and non-cancer hazard indices were estimated for the maximally-exposed receptor, and are presented in Table 4.

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

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

Figure 11
AERMOD Results

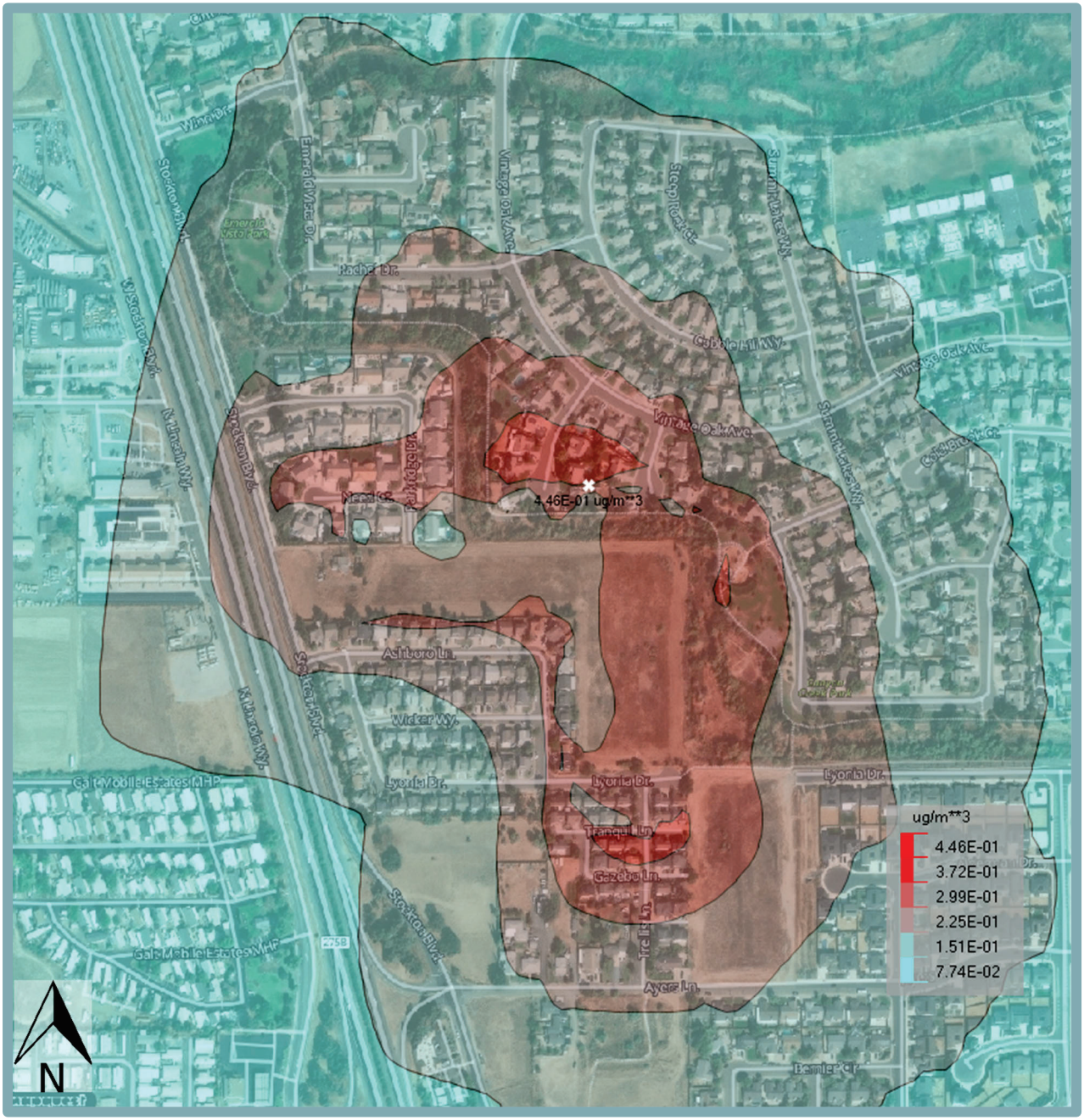


Table 4
Maximum Unmitigated Cancer Risk and Hazard Index Associated with Project Construction DPM

	Cancer Risk (per million persons)	Acute Hazard Index	Chronic Hazard Index
Construction DPM Health Risks	8.70	0.00	0.005
Thresholds of Significance	10	1.0	1.0
Exceed Thresholds?	**NO**	**NO**	**NO**

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

As shown in Table 4, construction of the proposed project would not result in a significant cancer risk or acute or chronic hazard index impacts. Thus, the proposed project would not result in the production of substantial concentrations of TAC emissions.

Criteria Pollutant Emissions

Rulings from the California Supreme Court (including the *Sierra Club v. County of Fresno* (2018) 6 Cal. 5th 502 case regarding the proposed Friant Ranch Project) have underscored the need for analysis of potential health impacts resulting from the emission of criteria pollutants during operations of proposed projects. Although analysis of project-level health risks related to the emission of CO and TACs has long been practiced under CEQA, the analysis of health impacts due to individual projects resulting from emissions of criteria pollutants is a relatively new field. In October 2020, SMAQMD finalized the *Guidance to Address the Friant Ranch Ruling for CEQA Projects in the Sac Metro Air District* (Guidance) for the analysis of criteria emissions in areas within the SMAQMD's jurisdiction.[12] The Guidance represents SMAQMD's effort to develop a methodology that provides a consistent, reliable, and meaningful analysis in response to the Supreme Court's direction on correlating health impacts to a project's emissions.

The Guidance was prepared by conducting regional photochemical modeling, and relies on the USEPA's Benefits Mapping and Analysis Program (BenMAP) to assess health impacts from ozone and $PM_{2.5}$. SMAQMD has prepared two tools that are intended for use in analyzing health risks from criteria pollutants. Small projects with criteria pollutant emissions close to or below SMAQMD's adopted thresholds of significance may use the Minor Project Health Effect Screening Tool, while larger projects with emissions between two and six times greater than SMAQMD's adopted thresholds may use the Strategic Area Project Health Screening Tool. Considering the proposed project would result in emissions lower than the SMAQMD's thresholds of significance (refer to Table 3), the proposed project would qualify for use of the Minor Project Health Effects Screening Tool. It is important to note, however, that the Minor Project Health Effects Screening Tool applies the assumption that all small projects result in emissions of criteria pollutants equal to the SMAQMD thresholds of significance. As shown in Table 3, the proposed project would result in operational emissions well below the SMAQMD thresholds of significance and, thus, the health impacts calculated for the proposed project using in the Minor Project Health Effects Screening Tool are highly conservative. The project's actual health impacts associated with criteria pollutant emissions would be expected to be much less than what is presented herein based on the aforementioned SMAQMD tool. Results from the Minor Project Health Effects Screening Tool are shown in Table 5.

[12] Sacramento Metropolitan Air Quality Management District. *Guidance to Address the Friant Ranch Ruling for CEQA Projects in the Sac Metro Air District*. October 2020.

Table 5
Health Effects from Proposed Project

Health Endpoint	Age Range[1]	Incidences Across the 5-Air-District Region Resulting from Project Emissions (per year)[2] (Mean)	Percent of Background Health Incidences Across the 5-Air-District Region[3] (%)	Total Number of Health Incidences Across the 5-Air-District Region (per year)[4]
Respiratory $PM_{2.5}$				
Emergency Room Visits, Asthma	0-99	0.60	0.0033	18,419
Hospital Admissions, Asthma	0-64	0.039	0.0021	1,846
Hospital Admissions, All Respiratory	65-99	0.18	0.00092	19,644
Cardiovascular $PM_{2.5}$				
Hospital Admissions, All Cardiovascular (less Myocardial Infarctions)	65-99	0.097	0.00041	24,037
Acute Myocardial Infarction, Nonfatal	18-24	0.000047	0.0012	4
Acute Myocardial Infarction, Nonfatal	25-44	0.0044	0.0014	308
Acute Myocardial Infarction, Nonfatal	45-54	0.011	0.0015	741
Acute Myocardial Infarction, Nonfatal	55-64	0.018	0.0014	1,239
Acute Myocardial Infarction, Nonfatal	65-99	0.062	0.0012	5,052
Mortality $PM_{2.5}$				
Mortality, All Cause	30-99	1.1	0.0025	44,766
Respiratory Ozone				
Hospital Admissions, All Respiratory	65-99	0.025	0.00013	19,644
Emergency Room Visits, Asthma	0-17	0.13	0.0022	5,859
Emergency Room Visits, Asthma	18-99	0.20	0.0016	12,560
Mortality Ozone				
Mortality, Non-Accidental	0-99	0.015	0.000050	30,386

1 Affected age ranges are shown. Other age ranges are available, but the endpoints and age ranges shown here are the ones used by the USEPA in their health assessments. The age ranges are consistent with the epidemiological study that is the basis of the health function.

2 Health effects are shown in terms of incidences of each health endpoint and how it compares to the base (2035 base year health effect incidences, or "background health incidence") values. Health effects are shown for the Reduced Sacramento 4-km Modeling Domain and the 5-Air-District Region.

3 The percent of background health incidence uses the mean incidence. The background health incidence is an estimate of the average number of people that are affected by the health endpoint in a given population over a given period of time. In this case, the background incidence rates cover the 5-Air-District Region (estimated 2035 population of 3,271,451 persons). Health incidence rates and other health data are typically collected by the government as well as the World Health Organization. The background incidence rates used here are obtained from BenMAP.

4 The total number of health incidences across the 5-Air-District Region is calculated based on the modeling data. The information is presented to assist in providing overall health context.

5 The technical specifications and map for the Reduced Sacramento 4-km Modeling Domain are included in Appendix A, Table A-1 and Appendix B, Figure B-2 of the Guidance to Address the Friant Ranch Ruling for CEQA Projects in the Sac Metro Air District.

Source: SMAQMD, Minor Project Health Effects Screening Tool Version 2. June 2025 (see Appendix A).

As shown in Table 5, according to the Minor Project Health Effects Screening Tool, which is based on the highly conservative assumption that the proposed project would emit criteria pollutants at levels equal to the SMAQMD thresholds of significance, the proposed project could result in 1.1 premature deaths per year due to the project's $PM_{2.5}$ emissions and 0.015 premature deaths per year due to the project's ozone emissions. Such numbers represent a very small increase over the background incidence of premature deaths due to $PM_{2.5}$ and ozone concentrations (0.0025 percent and 0.000050 percent, respectively). In addition, according to the Minor Project Health Effects Screening Tool, $PM_{2.5}$ emissions from the proposed project could result in 0.60 asthma-related emergency room visits, and ozone emissions from the proposed project could result in 0.33 asthma-related emergency room visits. Such numbers represent a minute increase over the background level of asthma-related emergency room visits (0.0033 percent and 0.0018 percent, respectively).

As noted above, because the proposed project's emissions would be substantially below the SMAQMD thresholds of significance, the project's actual health impacts associated with criteria pollutant emissions would be much lower than what is presented above.

Furthermore, the SMAQMD criteria pollutant thresholds of significance were established with consideration given to the health-based AAQS, and are designed to aid SMAQMD in achieving attainment of the AAQS. The thresholds of significance represent emissions levels that would ensure that project-specific emissions would not inhibit attainment of AAQS and, therefore, would not adversely affect public health. Considering that implementation of the proposed project would not result in emissions of criteria pollutants that would exceed the SMAQMD standards, the proposed project would not inhibit attainment of AAQS and would not result in adverse health impacts related to the emission of criteria pollutants.

The results of the Minor Project Health Effects Screening Tool have been presented for informational purposes only. Overall, because the proposed project would be relatively small compared to the regional growth and development that drives health impacts from criteria pollutants, and the anticipated air quality emissions would fall below all applicable thresholds of significance, potential health impacts related to criteria air pollutants would be less than significant.

Conclusion

Based on the above discussion, the proposed project would not expose any sensitive receptors to substantial concentrations of pollutants, including localized CO, TACs, or criteria air pollutants during construction or operation. Therefore, the proposed project would result in a ***less-than-significant*** impact related to the exposure of sensitive receptors to substantial pollutant concentrations.

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

Odors

While offensive odors rarely cause physical harm, they can be unpleasant, leading to considerable annoyance and distress among the public and can generate citizen complaints to local governments and air districts. Due to the subjective nature of odor

impacts, the number of variables that can influence the potential for an odor impact, and the variety of odor sources, quantitative or formulaic methodologies to determine the presence of a significant odor impact are difficult. Adverse effects of odors on residential areas and other sensitive receptors warrant the closest scrutiny; but consideration should also be given to other land use types where people congregate, such as recreational facilities, worksites, and commercial areas. The potential for an odor impact is dependent on a number of variables, including the nature of the odor source, distance between a receptor and an odor source, and local meteorological conditions.

Examples of land uses that have the potential to generate considerable odors include, but are not limited to, WWTPs, landfills, confined animal facilities, composting stations, food manufacturing plants, refineries, and chemical plants. The proposed project would not introduce any such land uses. Furthermore, residential uses are not typically associated with odors and the proposed project would be consistent with typical residential uses. In addition, the proposed project would be subject to all relevant regulations related to odors. The SMAQMD regulates objectionable odors through Rule 402 (Nuisance), which prohibits any person or source from emitting air contaminants that cause detriment, nuisance, or annoyance to a considerable number of persons or the public. Rule 402 is enforced based on complaints. If complaints are received, the SMAQMD is required to investigate the complaint, as well as determine and ensure a solution for the source of the complaint, which could include operational modifications. Thus, although not anticipated, if odor complaints are made after the proposed project is approved, the SMAQMD would ensure that such odors are addressed and any potential odor effects reduced to less than significant.

Dust

As noted previously, construction of the proposed project is required to comply with all applicable SMAQMD rules and regulations, including, but not limited to, Rule 403 (Fugitive Dust) and Rule 404 (Particulate Matter), and all applicable BACTs and BMPs. Furthermore, all projects within Sacramento County are required to implement the SMAQMD's Basic Construction Emission Control Practices (BCECP). Compliance with SMAQMD rules and regulations and BCECP would help to ensure that dust is minimized during project construction. Following project construction, vehicles operating within the project site would be limited to paved areas of the site, which would not have the potential to create substantial dust emissions. Thus, project operations would not include sources of dust that could adversely affect a substantial number of people.

Conclusion

For the reasons discussed above, construction and operation of the proposed project would not result in emissions, such as those leading to odors and/or dust, that would adversely affect a substantial number of people, and a ***less-than-significant*** impact would occur.

IV. BIOLOGICAL RESOURCES. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	✖	☐	☐
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	☐	☐	✖	☐
c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	✖	☐
d. Interfere substantially with the movement of any resident or migratory fish or wildlife species or with established resident or migratory wildlife corridors, or impede the use of wildlife nursery sites?	☐	☐	✖	☐
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	✖	☐	☐
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	✖	☐

Discussion

a. Several species of plants and animals within the State of California have low populations, limited distributions, or both. Such species may be considered “rare” and are vulnerable to extirpation as the State’s human population grows and the habitats the species occupy are converted to agricultural and urban uses. State and federal laws have provided the California Department of Fish and Wildlife (CDFW) and the U.S. Fish and Wildlife Service (USFWS) with a mechanism for conserving and protecting the diversity of plant and animal species native to the State. A sizable number of native plants and animals have been formally designated as threatened or endangered under state and federal endangered species legislation. Others have been designated as “candidates” for such listing. Still others have been designated as “species of special concern” by CDFW. The California Native Plant Society (CNPS) has developed its own set of lists of native plants considered rare, threatened, or endangered. Collectively, these plants and animals are referred to as “special-status species.” Although CDFW Species of Special Concern generally do not have special legal status, they are given special consideration under CEQA. Special-status species include the following:

- Plant and wildlife species that have been formally listed as threatened or endangered, or are candidates for such listing by the CDFW or National Marine Fisheries Service (NMFS);
- Plant and wildlife species that have been listed as threatened or endangered or are candidates for such listing by the CDFW;

- CDFW Species of Special Concern, which are species that face extirpation in California if current population and habitat trends continue;
- CDFW Fully Protected Species; and
- Species on CNPS Lists 1 and 2, which are considered to be rare, threatened, or endangered in California by the CNPS and CDFW.

In addition to regulations for special-status species, most birds in the U.S., including non-status species, are protected by the Migratory Bird Treaty Act (MBTA) of 1918. Under the MBTA, destroying active nests, eggs, and young is illegal. In addition, plant species on CNPS Lists 1 and 2 are considered special-status plant species and are protected under CEQA.

The following discussion is based primarily on a Biological Resources Assessment (BRA) prepared for the project by Madrone Ecological Consulting (Madrone) (see Appendix B).[13] Madrone conducted a literature review in order to identify potential biological resource constraints and assess the suitability of habitats on the project site to potentially support State- and federally-protected species. Madrone's literature review included a review of the California Natural Diversity Data Base (CNDDB), CNPS Inventory of Rare and Endangered Plants, USFWS Information for Planning and Consultation (IPaC), verified records from Bumblebee Watch (BBW), the Western Monarch Milkweed Mapper (WMMM), Western Monarch Overwintering Site viewer, research-grade observations from iNaturalist, confirmed nesting records from the Cornell Laboratory of Ornithology's eBird database, and the Western Bat Working Group (WBWG) Species Matrix were reviewed.

In addition, Madrone conducted a reconnaissance-level field survey of the project site on March 10 and 23, 2025 to identify on-site habitats which could potentially support special-status species, and to conduct an aquatic resources assessment. The site visits also included a survey of potential nesting habitat and an assessment of general site conditions within the project site.

Currently, the project site is flat and undeveloped with the exception of one vacant single-family residence. The site consists of annual grassland with scattered trees throughout. The project site is bound by Stockton Boulevard to the west, the Deadman's Gulch drainage channel and associated riparian corridor to the north and east, and single-family residential units to the north and south.

The project site and the off-site improvement areas are located within the boundaries of the South Sacramento Habitat Conservation Plan and Aquatic Resources Protection Plan (SSHCP) Urban Development Area (UDA), which is intended to provide an effective framework to protect natural resources in south Sacramento County, including special-status species. According to the BRA, 9.36 acres of the project site are categorized as Valley grassland types and 0.13-acre of the project site is categorized as Mixed Riparian scrub.

Based on the results of the database review and field survey conducted as part of the BRA, the potential for species covered by the SSHCP and other special-status species to occur on the project site or off-site improvement areas are discussed in further detail below.

[13] Madrone Ecological Consulting. *Biological Resources Assessment, Sheffield Subdivision, Sacramento County, California.* April, 2025.

Special-Status Plants

According to the BRA, the project site does not support the required habitat features, such as alkaline soils, elevation, wetlands, or streams/creek for any special-status plant species that could potentially occur in the surrounding area, including watershield, spicate calydenia, bristly sedge, succulent owl's clover, Bolander's water hemlock, Peruvian dodder, dwarf downingia, Boggs Lake hedge-hyssop, wooly rose mallow, Ahart's dwarf rush, alkali-sink goldfields, delta tule pea, legenere, Heckard's pepper-grass, Mason's lilaeopsis, delta mudwort, pincushion navarretia, slender Orcutt grass, Sacramento Orcutt grass, Sanford's arrowhead, marsh skullcap, side-flowering skullcap, Suisun marsh aster, and saline clover. It should be noted that although the SSHCP contains modeled habitat that could support Sanford's arrowhead, the BRA concluded that adequate habitat to support the species is not present on the project site. Therefore, construction activities associated with the proposed project would not result in adverse effects to special-status plant species.

Special-Status Wildlife

Based on field observations and literature review, the BRA concluded that the following 18 special-status wildlife species have the potential to occur on the site: Crotch bumble bee, monarch butterfly, northwestern pond turtle, giant garter snake, Cooper's hawk, tricolored blackbird, greater sandhill crane, western burrowing owl, furruginous hawk, Swainson's hawk, northern harrier, white-tailed kite, loggerhead shrike, pallid bat, silver-haired bat, western red bat, hoary bat, and American badger. In addition, other nesting or foraging migratory birds and raptors protected under federal, State, and local laws also have the potential to occur on the site. The proposed project's potential to result in adverse effects to special-status wildlife species which could occur on the project site is discussed in further detail below.

Crotch Bumble Bee

Crotch bumble bee is not federally listed but is a candidate for listing under the California Endangered Species Act (CESA). Crotch bumble bee has a limited distribution in southwestern North America. The aforementioned species occurs primarily in California, including the Mediterranean region, Pacific Coast, West Desert, Great Valley, and adjacent foothills through most of southwestern California. In California, Crotch bumble bee inhabits open grasslands and scrub habitats.

All bumble bees have three basic requirements: suitable nesting sites for the colonies, availability of nectar and pollen from floral resources throughout the duration of the entirety of the colony period (spring, summer, and fall), and suitable overwintering sites for the queens. Nests are often located underground in abandoned holes made by ground squirrels, mice, and rats or occasionally abandoned bird nests. Some species nest on the surface of the ground (in tufts of grass) or in empty cavities. Bumble bees that nest aboveground may require undisturbed areas with nesting resources such as grass and hay to protect nests. Queens most likely overwinter in small cavities just below or on the ground surface.

Bumble bees depend on the availability of habitats with a rich supply of floral resources that bloom continuously during the entirety of the colony's life. As generalist foragers, bumble bees do not depend on any one flower type, but generally prefer purple, blue, or yellow flowers of the Apocynaceae, Asteraceae, Boraginacea, Fabacea, and Lamiaceae families. The nearest recorded observation of Crotch bumble bee in the BBW database is

located approximately 1.5 miles southeast of the project site and off-site improvement area.

According to the BRA, the potential for Crotch bumble bee to occur on-site is moderate. While Crotch bumble bee has not been documented on the project site or off-site improvement area, the site contains limited, small rodent burrows which could provide potential nesting habitat for Crotch bumble bee, and non-disced portions of the on-site grasslands could provide seasonal foraging habitat. Thus, in the absence of mitigation, implementation of the proposed project could result in adverse effects to Crotch bumble bee.

Monarch Butterfly

Monarch butterfly is a Federal Endangered Species Act (FESA) candidate species. Monarch butterflies roost in wind protected tree groves, especially with Eucalyptus sp., and species of pine or cypress with nectar and water sources nearby. Winter roost sites extend along the coast from Mendocino County to Baja California. Monarch butterfly migration routes pass east over the Sierra Nevada in the fall and back to the California coast in the spring. The overwintering population is located along the Coast while summer breeding areas occur in interior California and North America with spring breeding areas located further east.

In California, monarch butterflies continue to occupy and breed in areas near their overwintering sites throughout the year, and may disperse over multiple generations to occupy and breed throughout the state in the spring through fall. Migrating monarch butterflies in western North America tend to occur more frequently near water sources such as rivers, creeks, roadside ditches, and irrigated gardens. Adult monarch butterflies require a diversity of blooming nectar resources during breeding and migration (spring through fall). Monarch butterflies also need milkweed (for both oviposition and larval feeding) embedded within a diverse nectaring habitat. According to the BRA, Monarch butterfly was not observed during site reconnaissance and a database search of the WMMM did not show observations of monarch breeding within five miles of the project site and off-site improvement area.

According to the BRA, the potential for monarch butterfly to occur on-site is low due to the absence of milkweed on-site during the time of the site reconnaissance. However, the BRA noted that the site reconnaissance was not conducted during the appropriate bloom time for milkweed. If milkweed were to occur on-site or in the off-site improvement area during construction activities, adverse effects to monarch butterfly could occur. Thus, in the absence of mitigation, implementation of the proposed could result in adverse effects to monarch butterfly.

Northwestern Pond Turtle

Northwestern pond turtle is proposed for listing as threatened under FESA and is listed by CDFW as a species of special concern. In addition, northwestern pond turtle is a SSHCP covered species. According to the BRA, suitable aquatic habitat does not exist on-site or within the off-site improvement area for the northwestern pond turtle. However, Deadman's Gulch flows adjacent to the eastern and northern boundaries of the project site and has marginal aquatic habitat for the species. While water in Deadman's Gulch is present only during the wet season, such seasonal water flow could be used as dispersal habitat for northwestern pond turtle when water is present. While Madrone did not detect

the presence of the species or suitable on-site habitat, the species could occupy upland areas in proximity to Deadman's Gulch prior to the start of construction, including the project site. Pre-construction surveys and Avoidance Minimization Measures (AMMs) for northwestern pond turtle are required by the SSHCP. The nearest reported occurrence of northwestern pond turtle (CNDDB Occurrence 180) was recorded approximately 3.36 miles north of the project site. Furthermore, the project site is located within the SSHCP-modeled foraging habitat for northwestern pond turtle. Although the BRA determined that the likelihood for northwestern pond turtle to occur on the project site is low, in the absence of pre-construction surveys and other measures for northwestern pond turtle, a potentially significant impact could occur.

Giant Garter Snake

Giant garter snake is listed as threatened under FESA and CESA. In addition, giant garter snake is a SSHCP covered species. According to the BRA, suitable aquatic habitat does not exist on-site or within the off-site improvement area for giant garter snake. While Deadman's Gulch flows adjacent to the eastern and northern boundaries of the project site and has marginal aquatic habitat for the species, Deadman's Gulch lacks heavy emergent vegetation, persistent water flow, or a sustained food source for giant garter snake during the active season of the species. While Madrone did not detect the presence of the species or suitable habitat features on-site, the species could occupy the area prior to the start of construction. In addition, the project site is located within the SSHCP-modeled foraging habitat for giant garter snake. Pre-construction surveys and AMMs for greater giant garter snake are required by the SSHCP. The nearest reported occurrence of giant garter snake (CNDDB Occurrence 77) was recorded approximately 3.36 miles northwest of the project site. Although the BRA determined the likelihood for giant garter snake to occur on the project site is low, in the absence of pre-construction surveys and other measures for giant garter snake, a potentially significant impact could occur.

Cooper's Hawk

Cooper's hawk is listed by CDFW as a species of special concern. In addition, Cooper's hawk is a SSHCP covered species. Cooper's Hawk is an ambush predator that prefers to forage in or near wooded locations for birds, domestic poultry, and small mammals. The species prefers tree nesting in wooded areas typically 10 to 60 feet above ground level, although they can occur in residential areas with tree cover. Over the past 20 years, Cooper's hawk populations have increased, and range expansions have been observed, especially in the form of breeding birds colonizing urban and suburban areas. As previously mentioned, the project site is located within the SSHCP-modeled foraging habitat for Cooper's hawk. Pre-construction surveys and AMMs for raptors and migratory birds such as Cooper's hawk are required by the SSHCP. While Madrone did not detect the presence of the species or identify suitable nesting or foraging habitat, the species could occupy the area prior to the start of construction. The nearest reported occurrence of Cooper's hawk was recorded approximately 200 feet north of the project site. The BRA determined the likelihood for Cooper's hawk to occur on the project site is low. However, in the absence of pre-construction surveys and other measures for Cooper's hawk, a potentially significant impact could occur.

Tricolored Blackbird

Tricolored blackbird is a CESA listed species. In addition, tricolored blackbird is a SSHCP covered species. Tricolored blackbird is known to breed near fresh water in dense emergent vegetation, near adjacent foraging habitat. According to the results of the BRA,

the project site does not contain suitable nesting habitat for tricolored blackbird and the valley grassland on-site provides only marginal foraging habitat for the species. However, nesting habitat occurs approximately 500 feet north of the project site, along the more natural stretches of Deadman's Gulch. In addition, the project site is within SSHCP-modeled nesting foraging habitat for the tricolored blackbird. Thus, tricolored blackbird could occupy area prior to the start of construction. The nearest reported occurrence of tricolored blackbird was recorded approximately 0.14-miles northwest of the project site. The BRA determined the likelihood for tricolored blackbird to occur on the project site is low. However, in the absence of pre-construction surveys and other measures for tricolored blackbird, a potentially significant impact could occur. Pre-construction surveys and AMMs for tricolored blackbird are required by the SSHCP.

Greater Sandhill Crane

Greater sandhill crane is not listed under FESA but is listed as threatened under CESA and is a CDFW fully protected species. In addition, greater sandhill crane is a SSHCP covered species. Greater sandhill crane habitat includes open grasslands, marshes, and edges of lakes, ponds and river banks. Wintering habitat includes a communal roost in shallow water. The project site is located within the SSHCP-modeled foraging habitat for greater sandhill crane. While Madrone did not detect the presence of the species or typical roosting sites, the site could provide low-quality foraging habitat for the species. Thus, greater sandhill crane could occupy the area prior to the start of construction. The CNDDB does not list any occurrences of greater sandhill crane within five miles of the project site. Although the BRA determined the likelihood for greater sandhill crane to occur on the project site low, in the absence of pre-construction surveys and other measures for greater sandhill crane, a potentially significant impact could occur. Pre-construction surveys and AMMs for greater sandhills cranes are required by the SSHCP.

Western Burrowing Owl

Western burrowing owl is not listed pursuant to either CESA or FESA. In addition, western burrowing owl is a SSHCP covered species. However, the species is designated as a species of special concern by the CDFW. According to the BRA, western burrowing owls were not observed during Madrone's site reconnaissance. The fallow fields at the project site lack existing western burrowing owl burrows or suitable habitat in the form of ground squirrel burrows, but debris associated with the residence in the northwestern portion of the project site could provide refugia for western burrowing owls. The nearest recorded CNDDB observation of western burrowing owl is less than five miles from the project site and, thus, the potential for the species to occur within the site is moderate. Furthermore, the project site is located within the SSHCP-modeled foraging habitat for western burrowing owl and, therefore, the species could occupy the project site prior to the start of construction. Based on the above, the absence of other measures for western burrowing owl, a potentially significant impact could occur. AMMs for the western burrowing owl are required by the SSHCP.

Ferruginous Hawk

Ferruginous hawk is not a FESA or CESA covered species, but is a SSHCP covered species. Ferruginous Hawk winters in California from August or September to February or early March. During the winter the species forages in grasslands, agricultural land, or other open areas favoring prey such as rabbits, ground squirrels, or other small animals. According to the results of the BRA, the site provides moderate potential for the species. In addition, the project site is within SSHCP-modeled nesting foraging habitat for the

ferruginous hawk. Thus, ferruginous hawk could occupy area prior to the start of construction. Pre-construction surveys and AMMs for raptors and migratory birds such as ferruginous hawk are required by the SSHCP. The most recent recorded occurrence of ferruginous hawk in the project vicinity was reported approximately one mile south of the project site. The BRA determined the likelihood for ferruginous hawk to occur on the project site is moderate. Thus, in the absence of pre-construction surveys and other measures for ferruginous hawk, a potentially significant impact could occur.

Swainson's Hawk

Swainson's hawk is listed as threatened under CESA. In addition, Swainson's hawk is a SSHCP covered species. Swainson's hawk is known to breed in stands with few trees in juniper-sage flats, riparian areas, and in oak savannah. The species is also found in adjacent suitable foraging areas such as grasslands. The SSHCP modeled species habitat data show that the project site provides suitable foraging habitat for Swainson's hawk and numerous CNDDB occurrences are within five miles of the project site, with the closest occurrence recorded one mile south of the site (CNDDB Occurrence 2271). The project site supports several trees large enough to accommodate nesting Swainson's hawks and annual grassland in and near the project site provide suitable foraging habitat. As such, the BRA determined the likelihood for Swainson's hawk to occur on the project site is moderate. Pre-construction surveys and AMMs for Swainson's hawk are required by the SSHCP. Given that the project area includes suitable nesting and foraging habitat for the Swainson's hawk, development of the project site could result in a significant adverse impact to the species.

Northern Harrier

Northern harrier is categorized as a species of special concern by the CDFW. In addition, northern harrier is a SSHCP covered species. Northern harrier is known to nest within the Central Valley, along the Pacific Coast, and in northeastern California. The species is a ground nesting species and typically uses emergent wetland/marsh, open grasslands, or savannah habitats. Northern harrier forages within a variety of open habitats such as marshes, agricultural fields, and grasslands. According to the results of the BRA, the site provides moderate potential for the species. In addition, the project site is within SSHCP-modeled nesting foraging habitat for the northern harrier. Pre-construction surveys and AMMs for raptors and migratory birds such as northern harrier are required by the SSHCP. The most recent recorded occurrence of northern harrier in the project vicinity was reported approximately two miles northwest of the project site. The BRA determined the likelihood for northern harrier to occur on the project site is moderate. Thus, northern harrier could occupy area prior to the start of construction. In the absence of pre-construction surveys and other measures for northern harrier, a potentially significant impact could occur.

White-Tailed Kite

White-tailed kite is a CDFW fully protected species. In addition, white-tailed kite is a SSHCP covered species. White-tailed kite is a year-round resident in the Central Valley and is primarily found in or near foraging areas such as open grasslands, meadows, farmlands, savannahs, and emergent wetlands. White-tailed kites typically nest from March through June in trees within riparian, oak woodland, and savannah habitats of the Central Valley and Coast Range. According to the results of the BRA, the site provides moderate potential for the species. In addition, the project site is within SSHCP-modeled nesting foraging habitat for the white-tailed kite. Pre-construction surveys and AMMs for

raptors and migratory birds such as white-tailed kite are required by the SSHCP. The most recent recorded occurrence of white-tailed kite in the project vicinity was reported approximately immediately north of the project site. The BRA determined the likelihood for white-tailed kite to occur on the project site is moderate. Thus, white-tailed kite could occupy area prior to the start of construction. In the absence of pre-construction surveys and other measures for white-tailed kite, a potentially significant impact could occur.

Loggerhead Shrike

The loggerhead shrike is a CDFW species of special concern. In addition, loggerhead shrike is a SSHCP covered species. Loggerhead shrike nest in small trees and shrubs in woodland and savannah vegetation communities from March through June. The species forages in open habitats throughout California. According to the results of the BRA, the site provides moderate potential for the species. In addition, the project site is within SSHCP-modeled nesting foraging habitat for the loggerhead shrike. Pre-construction surveys and AMMs for raptors and migratory birds such as loggerhead shrike are required by the SSHCP. The most recent recorded occurrence of loggerhead shrike in the project vicinity was reported approximately one mile north of the project site at Twin Cities Road. The BRA determined the likelihood for loggerhead shrike to occur on the project site is moderate. Thus, loggerhead shrike could occupy area prior to the start of construction. In the absence of pre-construction surveys and other measures for loggerhead shrike, a potentially significant impact could occur.

Pallid Bat

Pallid bat is not federally or State listed but is identified as a high priority species by the WBWG. Pallid bat is known to roost in crevices in rocky outcrops and cliffs, caves, mines, trees (e.g., basal hollows of coast redwoods and giant sequoias, bole cavities of oaks, exfoliating bark, deciduous trees in riparian areas, and fruit trees in orchards), bridges, barns, porches, bat boxes, and human-occupied as well as vacant buildings. According to the BRA, a database search of the CNDDB and iNaturalist did not show observations of pallid bat within five miles of the project site and off-site improvement area.

According to the BRA, pallid bat has a moderate potential to occur on the project site due to exfoliating bark on trees within or adjacent to the project site which could provide potential roosting habitat for the species. Thus, the proposed project could result in a potential adverse impact to pallid bat.

Silver-Haired Bat

Silver-haired bat is not federally or state listed but is identified as a medium priority species by the WBWG. Though silver-haired bat is primarily a forest-dwelling species, the species has been recorded in Sacramento County. Silver-haired bat roosts in hollow trees, snags, buildings, rock crevices, caves, and under bark. According to the BRA, a database search of the CNDDB and iNaturalist did not show observations of silver-haired bat within five miles of the project site and off-site improvement area.

According to the BRA, silver-haired bat has a low potential to occur on the project site due to a lack of rock crevices and preferred foraging habitat on the project site. However, woodpecker holes within trees in the on-site mixed riparian scrub habitat and the abandoned residence could support roosting. Thus, the proposed project could result in a potential adverse impact to silver-haired bat.

Western Red Bat

Western red bat is not federally or State listed, but is considered a CDFW species of special concern and is classified by the WBWG as a high priority species. In addition, western red bat is a SSHCP covered species. Western red bat is known to roost in trees or shrub foliage, as well as caves and vacant structures. According to the BRA, the riparian woodland habitat adjacent to the eastern and northern project site boundary provide marginal potential roosting habitat for the species. In addition, the project site is within the SSHCP-modeled foraging habitat for western red bats. Pre-construction surveys and AMMs for western red bats are required by the SSHCP. According to the BRA, a database search of the CNDDB and iNaturalist did not show observations of western red bat within five miles of the project site and off-site improvement area. The BRA determined the likelihood for western red bat to occur on the project site is low. However, in the absence of pre-construction surveys and other measures for western red bat, a potentially significant impact could occur.

Hoary Bat

Hoary bat is not federally or Sate listed, but is identified as a medium priority species by the WBWG. Hoary bat is the most widespread North American bat species and can be found in any location in California. Hoary bat primarily roosts in dense foliage of medium to large trees. Preferred roosting sites are hidden from above, with few branches below, and have a ground cover of low reflectivity. Hoary bat prefers open habitats or habitat mosaics, with access to trees for cover and open areas or habitat edges for feeding. According to the BRA, a database search of the CNDDB and iNaturalist did not show observations pallid bat within five miles of the project site and off-site improvement area.

According to the BRA, hoary bat has a moderate potential to occur on the project site due to the occurrence of trees within and adjacent to the project site. Thus, the proposed project could result in a potential adverse impact to hoary bat.

American Badger

American badger is a CDFW species of special concern. The species is a burrowing carnivorous mammal, is solitary and very territorial, and hunts small mammals, lizards, snakes, and insects. American badger does not have known natural enemies and inhabits dry, open fields, grasslands, and pastures. According to the BRA, a database search of the CNDDB did not show observations American badger within five miles of the project site and off-site improvement area. However, the project site is located within the SSHCP-modeled foraging habitat for American badger. Pre-construction surveys and AMMs for American badger are required by the SSHCP. While Madrone did not detect the presence of the species, or the presences of suitable foraging or denning habitat on-site, the species could occupy the area prior to the start of construction. Thus, in the absence of pre-construction surveys and other measures for American badger, a potentially significant impact could occur.

Nesting Raptors and Migratory Birds

The project site contains existing trees throughout and adjacent to the project site that could provide nesting habitat for raptors and migratory birds protected by the MBTA. Such trees would be removed as part of the proposed project. Construction activities that adversely affect the nesting success of raptors and migratory birds (i.e., lead to the abandonment of active nests) or result in mortality of individual birds constitute a violation of State and federal laws. Thus, in the event that such species occur on-site during the

breeding season, project construction activities could result in an adverse effect to species protected under the MBTA.

Conclusion

Based on the above, special-status plants do not have the potential to occur on-site or at the off-site improvement area and, thus, would not be impacted by the proposed development. The project site provides potential habitat for Crotch bumble bee, monarch butterfly, northwestern pond turtle, giant garter snake, western burrowing owl, and Swainson's hawk, as well as suitable nesting and foraging habitat for raptors, bats, and migratory birds protected by the MBTA. In addition, the project site is within the SSHCP modeled habitat for northwestern pond turtle, giant garter snake, Cooper's hawk, tricolored blackbird, greater sandhill crane, western burrowing owl, ferruginous hawk, Swainson's hawk, northern harrier, white-tailed kite, loggerhead shrike, western red bat, and American badger. Thus, construction activities associated with the proposed project could have an adverse effect, either directly or through habitat modifications, on species identified as special-status species in local or regional plans, policies, or regulations, or by the CDFW or the USFWS, and a ***potentially significant*** impact could result.

Mitigation Measure(s)

Implementation of the following mitigation measures, as adapted from the SSHCP, would reduce the above potential impact to a *less-than-significant* level.

Obtain an SSHCP Permit

IV-1. Prior to the approval of grading and improvement plans, the project applicant shall obtain authorization pursuant to SSHCP. Prior to any groundbreaking activity associated with the project, the applicant shall provide proof of authorization to the Community Development Department. To obtain such authorization, the SSHCP Permit Application shall include the following components as identified in Chapter 10, Section 10.4.2, of the SSHCP:

- *Applicant Information;*
- *Project Description and Map;*
- *Land Cover Type Map;*
- *Wetland Delineation Map;*
- *Modeled Species Habitat Map;*
- *Description of How the Development Complies with the SSHCP Avoidance and Minimization Measures outlined in Chapter 5, Section 5.4, of the SSHCP;*
- *Proposed Mitigation; and*
- *Results of Covered Species (special-status species) Pre-Construction Surveys.*

Crotch Bumble Bee

IV-2. Prior to and during all ground-disturbing activities, the project applicant shall comply with the following mitigation measures for Crotch bumble bee:

- *Initial ground-disturbing work (e.g., grading, vegetation removal, staging) shall take place between September 1st and March 31st (i.e., outside the colony active period), if feasible, to avoid impacts on Crotch bumble bee.*

- *If completing all initial ground-disturbing work between September 1st and March 31st is not feasible, then a qualified biologist conducting biological resource surveys within California shall conduct a pre-construction survey for Crotch bumble bee in the area proposed for impact no more than 14 days prior to the commencement of construction activities. The survey shall occur during the period from one hour after sunrise to two hours before sunset, with temperatures between 65 degrees Fahrenheit and 90 degrees Fahrenheit, with low wind and no rain. If the timing of the start of construction makes the survey infeasible due to the temperature requirements, the surveying biologist shall select the most appropriate days based on the National Weather Service seven-day forecast, and shall survey at a time of day that is closest to the temperature range stated above. The survey duration shall be commensurate with the extent of suitable floral resources (which represent foraging habitat) present within the area proposed for impact and the level of effort shall be based on the metric of a minimum of one person-hour of searching per three acres of suitable floral resources/foraging habitat. A meandering pedestrian survey shall be conducted throughout the area proposed for impact in order to identify patches of suitable floral resources. Suitable floral resources for Crotch bumble bee include species in the following families: Apocynaceae, Asteraceae, Boraginaceae, Fabaceae, and Lamiaceae.*
- *At a minimum, pre-construction survey methods shall include the following:*
    - *Search areas with floral resources for foraging bumble bees. Observed foraging activity may indicate a nest is nearby, and therefore, the survey duration shall be increased when foraging bumble bees are present.*
    - *If bumble bees are observed, attempt to photograph the individual and identify it to species.*
    - *If Crotch bumble bees are observed, watch the individuals and observe their flight patterns. Attempt to track their movements between foraging areas and the nest.*
    - *Visually look for nest entrances. Observe burrows, any other underground cavities, logs, or other possible nesting habitat.*
    - *If floral resources or other vegetation preclude observance of the nest, small areas of vegetation may be removed via hand removal, line trimming, or mowing to a height of no less than four inches to assist with locating the nest.*
    - *Look for concentrated special-status bumble bee activity.*
    - *Listen for the humming of a nest colony.*
- *The biologist conducting the survey shall record when the survey was conducted, a general description of any suitable foraging habitat/floral resources present, a description of observed bumble bee activity, a list of bumble bee species observed, a description of any vegetation removed to facilitate the survey, and their determination of if survey observations suggest a special-status bumble bee nest(s) may be present or if construction activities could otherwise harm special-status bumble bees. The report shall be submitted to the City prior to the commencement of construction activities.*
- *If bumble bees are not located during the pre-construction survey or the bumble bees located are definitively identified as common (i.e., not special-*

status) species, then further mitigation or coordination with the City and/or CDFW is not required.

- *If any sign(s) of a bumble bee nest is observed, and/or if it cannot be established that the species present is not a special-status bumble bee, then construction shall not commence until either 1) the bumble bees present are positively identified as common (i.e., not special status) by an experienced bumble bee taxonomist, or 2) the completion of coordination with CDFW to identify appropriate Biological Resources Assessment mitigation measures, which may include but not be limited to waiting until the colony active season ends; establishment of nest buffers; or obtaining an Incidental Take Permit (ITP) from CDFW.*
- *The project proponent is recommended, but not required, to also survey the proposed impact areas the year before construction begins in order to avoid potential last-minute delays associated with identifying special-status bumble bees on-site immediately prior to construction activities. To be most effective, this optional survey should follow the protocol outlined above.*
- *If, after coordination with CDFW, impacts to Crotch bumble bee cannot be avoided, the project proponent shall obtain an ITP from CDFW prior to the City's approval of permits authorizing construction, and the project proponent shall implement all conditions identified in the ITP. Mitigation required by the ITP may include but will not be limited to, the project proponent translocating nesting substrate in accordance with the latest scientific research to another suitable location (i.e., a location that supports similar or better floral resources as the impact area), enhancing floral resources on areas of the project site that will remain appropriate habitat, worker awareness training, and/or other measures specified by CDFW.*

Because Crotch bumble bee is a candidate species, appropriate mitigation measures are still being developed and refined. The foregoing measures have been developed based on current literature and research and CDFW's Survey Considerations for California Endangered Species Act (CESA) Candidate Bumble Bee Species (CDFW 2023). If at a later date a different mitigation is determined to be more appropriate, such mitigation shall be used in replacement of the requirements listed above. Proof of compliance with the above mitigation or alternative mitigation determined to more appropriate shall be submitted to the City Community Development Department for review and approval.

Monarch Butterfly

IV-3. If construction will occur within annual grassland during the time when milkweed plants may host monarch eggs or caterpillars (approximately mid-March through late September), a pre-construction survey shall be conducted by a qualified biologist no earlier than 15 days prior to construction within the proposed impact area and a 50-foot buffer in accessible areas (cumulatively, Survey Area). The biologist shall comprehensively search the Survey Area for milkweed plants, and all milkweed plants found shall be surveyed for monarch eggs, larvae (i.e., caterpillars), and chrysalises. Additionally, other plants immediately adjacent to milkweed plants shall also be searched for chrysalises. If no eggs, caterpillars, or chrysalises are detected, additional mitigation measures are not necessary.

If eggs, caterpillars or chrysalises are found, the plants shall be avoided with a 50-foot buffer until metamorphosis is completed and adult butterflies emerge and voluntarily leave the host plant. If the eggs, larvae, or chrysalises cannot be avoided, all eggs, larvae, and chrysalises, including the portion of the plant to which they are attached, will be translocated to an alternative location. That location must be a minimum of 50 feet outside of the impact area and contain a similarly sized or larger population of larval host plants. The portions of the plants supporting eggs or chrysalises shall be tied to the live stem of the avoided larval host plant while caterpillars will be placed directly on a stem or leaf of a larval host plant. Should the species be listed under FESA in the future, coordination with USFWS shall be conducted prior to translocation.

The results of the pre-construction survey and proof of compliance with the avoidance measures (if required) shall be submitted to the City's Community Development Department for review and approval.

Because monarch butterfly is a candidate species, appropriate mitigation measures are still being developed and refined. The foregoing measures have been developed based on current literature and research and CDFW's Survey Considerations for California Endangered Species Act (CESA) Candidate Butterfly Species (CDFW 2023). If at a later date a different mitigation is determined to be more appropriate, such mitigation shall be used in replacement of the requirements listed above. Proof of compliance with the above mitigation or alternative mitigation determined to more appropriate shall be submitted to the City Community Development Department for review and approval.

Northwestern Pond Turtle

IV-4. Prior to and during all ground-disturbing activities, the project applicant shall comply with SSHCP WPT-1 (Western Pond Turtle Surveys) through SSHCP WPT-9 (Post-Construction Restoration).

Giant Garter Snake

IV-5. Prior to and during all ground-disturbing activities, the project applicant shall comply with SSHCP AMM GGS-1 (Giant Garter Snake Surveys Surveys) through SSHCP GGS-10 (Pre-construction Surveys).

Tricolored Blackbird

IV-6. Prior to and during all ground-disturbing activities, the project applicant shall comply with SSHCP TCB-1 (Tricolored Blackbird Surveys) and SSHCP TCB-2 (Tricolored Blackbird Pre-construction Surveys), and based on the results of surveys conducted under those measures, comply with SSHCP TCB-3 (Tricolored Blackbird Nest Buffer) and SSHCP TCB-4 (Tricolored Blackbird Nest Buffer Monitoring)

Greater Sandhill Crane

IV-7. Prior to and during all ground-disturbing activities, the project applicant shall comply with SSHCP GSC-1 (Greater Sandhill Crane Surveys) and SSHCP GSC-2 (Greater Sandhill Crane Pre-construction Surveys), and based on the results of

surveys conducted under those measures, comply with SSHCP GSC-3 (Greater Sandhill Crane Roosting Buffer), SSHCP GSC-4 (Greater Sandhill Crane Visual Barrier), and SSHCP GSC-5 (Greater Sandhill Crane Roosting Buffer Monitoring).

Western Burrowing Owl

IV-8. Prior to and during all ground-disturbing activities, the project applicant shall comply with SSHCP WBO-1 (Western Burrowing Owl Surveys) through SSHCP WBO-7 (Rodent Control).

For all nesting surveys, a report summarizing the survey(s) shall be provided to the City within 30 days of the completed surveys. Reports may be in electronic format and delivered by email.

Swainson's Hawk

IV-9. Prior to and during all ground-disturbing activities, the project applicant shall comply with SSHCP SWHA-1 (Swainson's Hawk Surveys) and SSHCP SWHA-2 (Swainson's Hawk Pre-construction Surveys), and based on the results of surveys conducted under those measures, comply with SSHCP SWHA-3 (Swainson's Hawk Nest Buffer) and SSHCP SWHA-4 (Swainson's Hawk Nest Buffer Monitoring).

For all nesting surveys, a report summarizing the survey(s) shall be provided to the City within 30 days of the completed surveys. Reports may be in electronic format and delivered by email.

Covered Raptor Species, including Ferruginous Hawk, Northern Harrier, and White-Tailed Kite

IV-10. Prior to and during all ground-disturbing activities, the project applicant shall comply with SSHCP AMM RAPTOR-2 (pre-construction surveys), and based on the results of surveys conducted under those measures, comply with RAPTOR-3 (Raptor Nest/Roost Buffer), and RAPTOR-4 (Raptor Nest/Roost Buffer Monitoring.

For all nesting surveys, a report summarizing the survey(s), including those for nesting raptors, shall be provided to the City within 30 days of the completed surveys. Reports may be in electronic format and delivered by email.

Migratory Birds

IV-11. For special-status bird species not covered by species-specific SSHCP AMMs, the following measure shall apply:

If construction is scheduled to begin between February 1 and August 31, a qualified biologist shall conduct a pre-construction nesting bird survey of the project site and off-site construction area and areas within a 500-foot radius of proposed construction areas, where access is available, a maximum of 15 days prior to the initiation of construction. The qualified biologist shall survey accessible areas within a 500-foot radius around the project area. If active nests are not found, project activities may proceed as scheduled. If there is a break in construction activity of more than two weeks, then subsequent surveys shall be conducted.

If an active nest is found, active nests shall be avoided, and a "no disturbance or destruction" buffer shall be determined and established by the qualified biologist. The buffer shall be kept in place until after the breeding nesting season or the qualified biologist confirms the young have fledged, are foraging independently, and the nest is not active for the season. The extent of these buffers shall be determined by the qualified biologist and will depend on the species present, the level of noise or construction disturbance, line of sight between the nest and the disturbance, ambient levels of noise and other disturbances, and other topographical or artificial barriers.

For all nesting surveys, a report summarizing the survey(s), including those for nesting birds, shall be provided to the City within 30 days of the completed surveys. Reports may be in electronic format and delivered by email.

Roosting Bats, including Pallid Bat, Silver-Haired Bat, Western Red Bat, and Hoary Bat

IV-12. Prior to and during all ground-disturbing activities, the project applicant shall comply with SSHCP BAT-1 (Maternity Roost Surveys) and SSHCP BAT-2 (Maternity Roost Pre-construction Surveys), and based on the results of the surveys conducted under those measures, comply with SSHCP BAT-3 (Maternity Roost Buffer) and SSHCP BAT-4 (Bat Eviction Methods for Non-Maternity and Non-Hibernaculum Roosts).

If other special-status bat species are determined to be present, exclusion shall be conducted by the qualified biologist in coordination with CDFW. Methods may include acoustic monitoring, evening emergence surveys, and the utilization of two-step tree removal supervised by the qualified biologist. Two-step tree removal involves removal of all branches that do not provide roosting habitat on the first day, and then the next day cutting down the remaining portion of the tree. Building exclusion methods may include such techniques as installation of passive one-way doors, or the installation of netting when the bats are not present to prevent their reoccupation. Once the bats have been excluded, tree or building removal may occur. Proof of compliance with the foregoing measures (if required) shall be submitted to the City's Community Development Department for review and approval.

American Badger

IV-13. Prior to and during all ground-disturbing activities, the project applicant shall comply with the following:

- *Conduct a pre-construction American badger survey of the Project construction area within 14 days prior to construction activities. American badger surveys could be completed concurrently with the burrowing owl surveys.*
- *If American badgers or burrows with American badger sign are found, the burrow shall be excavated as follows:*
    - *The qualified biologists shall examine the burrow with a camera probe, if the entire burrow is inspected and no badgers are identified, the biologists will do a progress hand excavation to the terminal end of the burrow and backfill. If the burrow is occupied,*

detection of that would either be by sound (growling and digging sounds), a recent plug, a detection by the camera, or a rushing badger. If the burrow is determined to be occupied, the biologists shall leave the burrow as is and continue monitoring the burrow until the burrow is unoccupied. If presence is not detected until excavation has started, the biologists will abandon the excavation, plug the burrow with crumpled newspaper and return the next day. If the paper is in place, the biologists will continue monitoring until the paper is moved or gone (suggesting that the badger is gone) and resume excavation of the burrow.

Proof of compliance with the foregoing measures shall be submitted to the City's Community Development Department for review and approval.

b,c. Madrone conducted an aquatic resources delineation on the project site on November 15, 2024 to identify potentially jurisdictional habitats, riparian habitat, federally protected wetlands, as well as aquatic features. While Deadman's Gulch was identified adjacent to the project site, and 0.11-acre of mixed riparian scrub was identified along the northern boundary of the project site, aquatic resources were not identified on the project site or off-site improvement area (see Figure 12).

In addition, according to the BRA, the project site is not located within the Primary or Secondary Zone of the Legal Sacramento-San Joaquin Delta, and other sensitive natural communities, such as Critical Habitat as proposed or designated by the USFWS, or USFWS Vernal Pool Core Recovery Areas, do not occur on the project site or off-site improvement area.

While the project site contains mixed riparian scrub, riparian habitat was not identified within the project site boundaries. Therefore, implementation of the proposed project would not result in impacts related to having a substantial adverse effect on a riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the CDFW or USFWS or related to having 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, and a ***less-than-significant*** impact would occur.

d. The project site is located in an urbanized area and is bound by Deadman's Gulch drainage channel and an associated riparian corridor to the north and east. Other surrounding existing uses include single-family residences to the north, across Deadman's Gulch; Canyon Creek Park to the east; single-family residences, Ashboro Park, and undeveloped land to the south; and SR 99 to the west, across Stockton Boulevard. The developed nature of the surrounding area precludes the use of the project site as a migratory corridor. While Deadman's Gulch could potentially be used as a migratory corridor, Deadman's Gulch is not located on the project site and would not be impacted by the proposed project. As such, the project would not interfere substantially with the movement of any resident or migratory fish or wildlife species or with established resident or migratory wildlife corridors, or impede the use of wildlife nursery sites, and a ***less-than-significant*** impact would occur.

Figure 12
Aquatic Resources



e. The project site is generally flat and undeveloped with the exception of one vacant single-family residence and consists of annual grassland with scattered trees throughout. As part of the proposed project, 21 on-site trees would be removed (see Figure 7). An inventory of trees that meet the definition of Heritage Oaks or Public Trees was conducted for the project site as part of the BRA. According to the BRA, 27 on-site trees meet the City's definition of Heritage Oaks, consisting of 26 valley oak trees and one interior live oak tree (see Figure 13). Public trees were not identified within the project site. The proposed project would include the removal of 21 of the 27 on-site Heritage Oak trees. According to Section 18.52.060, The Cutting and Removal of Heritage Oak and Public Trees, of the City's Municipal Code, a tree permit is required prior to the removal of such trees. Therefore, the proposed project would be required to comply with Section 18.52.060 by acquiring the appropriate permits prior to tree removal. It should be noted that, if the project site is not capable of supporting all required replacement trees, Section 18.52.060 requires payment of and in-lieu fee in a sum equivalent to the retail cost of the number of trees that cannot be accommodated plus the cost of installation of the trees. Such fees are deposited into the City's tree preservation fund, which is used for the sole purpose of planting, enhancement, maintenance, and/or monitoring of trees on publicly owned property, easements, or ROW. In addition, the proposed project would be required to comply with General Plan Policy COS-3.2: Mature Tree and Woodland Preservation, which indicates that the City of Galt will encourage retention of mature trees and woodlands to the maximum extent possible. Without compliance with such regulations, a ***potentially significant*** impact could occur related to conflicting with local policies or ordinances protecting biological resources.

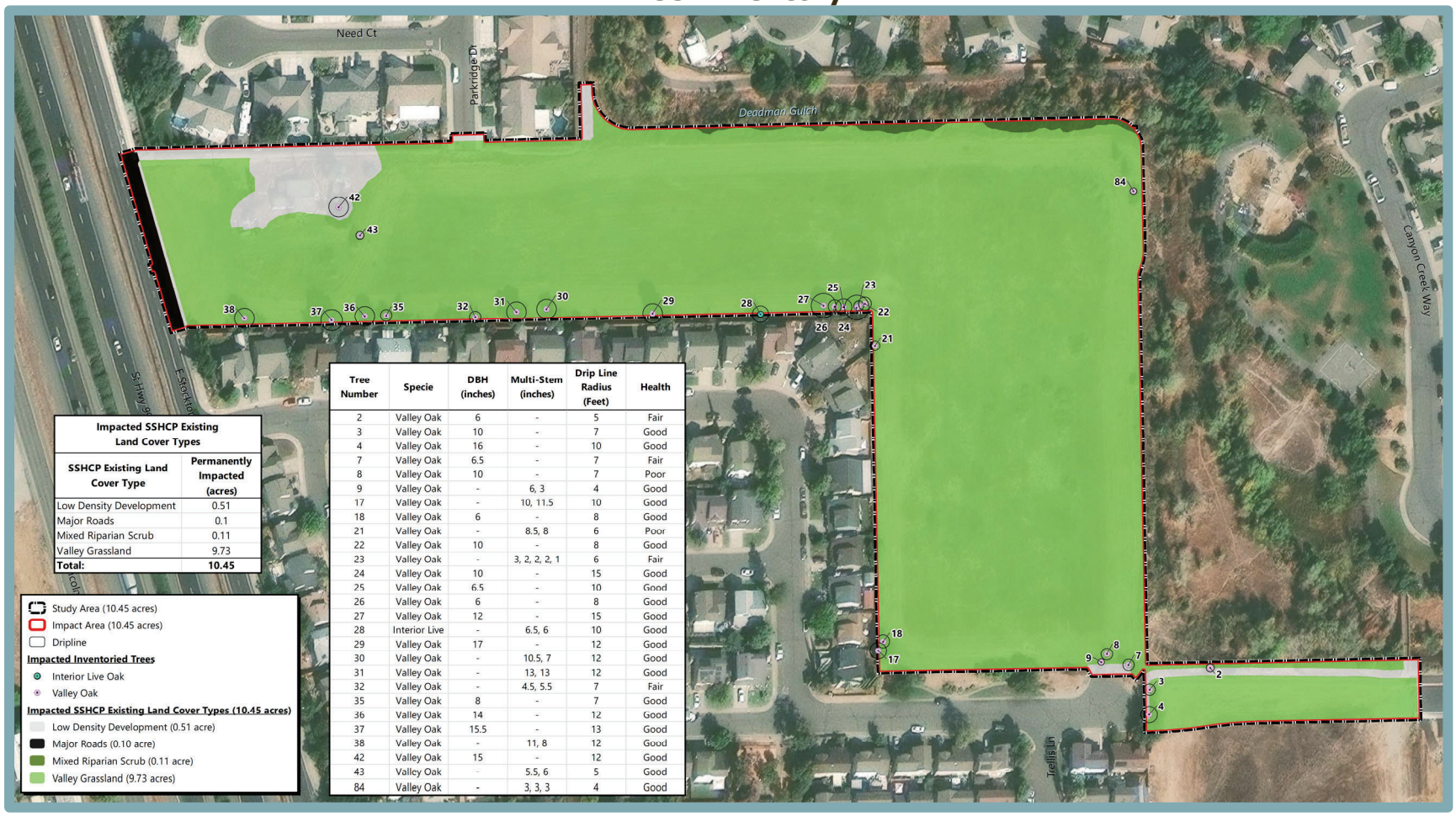
Mitigation Measure(s)

Implementation of the following mitigation measure would reduce the above impact to a *less-than-significant* level.

IV-13. Prior to the removal of any protected trees, pursuant to Section 18.52.060 of the Cit's Municipal Code, a tree removal permit shall be obtained from the City of Galt and the project applicant shall comply with all of the conditions of the permit. In accordance with Section 18.52.060 of the Cit's Municipal Code, if the project site is not capable of supporting all required replacement trees, the applicant shall pay the City a sum equivalent to the retail cost of the number of trees that cannot be accommodated plus the cost of installation of the trees, which shall not be less than seventy-five dollars per inch. For those protected trees that the project applicant has determined will be preserved on-site, a tree preservation plan shall be prepared for the proposed project identifying all protection and mitigation measures to be taken. The measures shall remain in place for the duration of the construction activities at the project site. The tree preservation plan shall be submitted to and approved by the City of Galt Community Development Department.

f. The project site is located within the boundaries of the SSHCP, which establishes an effective framework to protect natural resources in south Sacramento County, while improving and streamlining the environmental permitting process for impacts on endangered species, and provides guidance for the mitigation of impacts to covered species. The project site is located within the UDA of the SSHCP. Applicable AMMs for SSHCP-covered species known to occur within the project region have been included in Mitigation Measures IV-4 through IV-13 of this IS/MND.

Figure 13
Tree Inventory



Additionally, the project applicant would be required to pay all applicable development fees according to the project site's land cover types. The current per-acre fees for land cover types/habitats occurring on the site are as follows:

- Valley Grassland: $25,084
- Mixed Riparian Scrub: $207,971

Alternatively, a project may dedicate land in lieu of paying development fees. Given implementation of Mitigation Measure IV-1 and Mitigation Measures IV-4 through IV-13 and payment of required fees, if applicable, the proposed project would not conflict with the applicable provisions of the SSHCP and a ***less-than-significant*** impact would occur related to conflicts with an adopted habitat conservation plan (HCP), natural community conservation plan (NCCP), or other approved local, regional, or State HCP.

V. CULTURAL RESOURCES. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?	☐	☐	✖	☐
b. Cause a substantial adverse change in the significance of a unique archaeological resource pursuant to Section 15064.5?	☐	✖	☐	☐
c. Disturb any human remains, including those interred outside of dedicated cemeteries.	☐	✖	☐	☐

Discussion

The following is primarily based on a Cultural Resources Study (CRS) prepared for the proposed project conducted by Eileen Barrow and Associates (EBA).[14]

a. The CRS included a literature review to identify any previously recorded cultural resources within the site. EBA conducted research to obtain archaeological, ethnographic, historical, and environmental information about the project site and surrounding area. The literature review included online resources, historical maps, aerial photographs, as well as secondary sources that pertained to Sacramento County. On April 29, 2025, the North Central Information Center (NCIC) performed a records search of the California Historic Resources Information System (CHRIS) for cultural resource site records and survey reports within a 0.5-mile radius of the project site. The CHRIS search determined that a small portion of the northwestern part of the project site has been surveyed as part of a previous cultural study. In addition, four studies have been conducted within a 0.5-mile radius of the project site. Previously documented pre-contact and historic archaeological sites, architectural resources, or traditional cultural properties have not been recorded at the project site, or within a 0.5-mile radius of the project site. In addition to the literature review, a field survey of the entire project site was conducted on May 1, 2025. The field survey did not identify any historical or archaeological resources.

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

The proposed project would include the demolition of the existing on-site vacant single-family residential unit, removal of 21 on-site trees, and subdivision of the site into 65 single-family residential lots. According to the CRS, the on-site single-family residence was constructed in 1950. Generally, properties eligible for listing in the National Register of Historic Places (NRHP) are at least 50 years old. Cultural resources determined eligible for the NRHP by a federal agency are automatically eligible for the California Register of Historical Resources (CRHR). Given the age of the existing on-site single-family residence, the structure would meet the aforementioned criterion and could be considered for listing. In addition to structure age, in order to determine whether the on-site structure

[14] Eileen Barrow and Associates. *Cultural Resources Study for the Sheffield Subdivision Project 13315 Stockton Boulevard Galt, Sacramento County, California.* May 12, 2025.

is historically significant, the structure would be required to undergo evaluation using the NRHP and the CRHR eligibility criteria.

Four criteria (Criteria A through D) are used to determine if a potential resource may be considered significant and eligible for listing on the NRHP. The NRHP and CRHR eligibility criteria include the following:

(1)/(A) It is associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the U.S.;
(2)/(B) It is associated with the lives of persons important to local, California, or national history;
(3)/(C) It embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master or possesses high artistic values; or
(4)/(D) It has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

According to the CRS, aerial photos show that the project site was never planted with any type of crops or orchards, suggesting the site was not used for important agricultural purposes. In addition, the existing on-site structure predates expansion efforts by the City of Galt; thus, the project site was not a part of any type of planned development, and the buildings surrounding the project site are of mixed ages and uses. The CRS determined that because the on-site structure is not part of a planned development or any type of important agricultural pursuits, the site does not appear to be eligible under NRHP Criterion A/CRHR Criterion 1. In addition, archival research conducted as part of the CRS did not provide information about past property owners and, thus, the structure does not appear eligible for listing under NRHP Criterion B/CRHR Criterion 2. The residence is a simple vernacular building that is not built in a distinct architectural style and does not embody distinctive characteristics of a type, period, or method of construction; thus, the structure does not appear eligible under NRHP Criterion C/CRHR Criterion 3. NRHP Criterion D/CRHR Criterion 4 is typically utilized for determining the importance of archaeological sites; the project site would be ineligible for such a classification under NRHP Criterion D/CRHR Criterion 4. Therefore, the CRS concluded that the existing on-site structure would not be eligible for listing on the NRHP or CRHR.

Based on the above, the existing on-site single-family residence would not be considered a historical resource pursuant to Section 15064.5 of the CEQA guidelines. Although the proposed project would include the demolition of the existing on-site structure, the project would not result in substantial adverse change to any historical resources. Therefore, a ***less-than-significant*** impact would occur.

b,c. As part of the CRS, the Native American Heritage Commission (NAHC) conducted a records search of the Sacred Lands File (SLF). In a letter dated April 1, 2025, the NAHC indicated that the SLF had negative results for the township and range of the project site.

According to the CRS, the project site is underlain by Pleistocene-age riverbank formation. Given that the project area dates to the Pleistocene Epoch (2.58 million years ago to 11,700 years ago) and that the project site is partially developed, the CRS determined that a very low potential exists for buried archaeological resources to occur within the project site. In addition, the results of the SLF record search indicated that archaeological and

other cultural resources are not known to be present in the project vicinity. Nonetheless, unknown archaeological resources, including human remains, have the potential to be uncovered during future ground-disturbing construction and excavation activities at the subject property. If previously unknown resources are encountered during construction activities, the proposed project could cause a substantial adverse change in the significance of a unique archaeological resource pursuant to CEQA Guidelines Section 15064.5 and/or disturb human remains, including those interred outsides of dedicated cemeteries. Therefore, impacts could be considered ***potentially significant***.

Mitigation Measure(s)

Implementation of the following mitigation measures would reduce the above potential impact to a *less-than-significant* level.

V-1. Prior to grading permit issuance, the developer shall submit plans to the City of Galt Community Development Department for review and approval which indicate (via notation on the improvement plans) that if historic and/or cultural resources are encountered during site grading or other work within the project site or off-site improvement areas, all such work shall be halted immediately within 100 feet and the developer shall immediately notify the Community Development Department, representatives of the Wilton Rancheria, and the appropriate Federal and State agencies of the discovery. In such case, the developer shall be required, at their own expense, to retain the services of a qualified archaeologist meeting the Secretary of the Interior's Professional Qualification Standards for prehistoric and historic archaeologist, as well as Native American Representatives and Monitors from traditionally and culturally affiliated Native American Tribes, for the purpose of assessing the significance of the find and recommending further evaluation and treatment as necessary, which may include recording, protecting, reburial, or curating the discovery as appropriate. The archaeologist shall be required to submit to the Community Development Department for review and approval a report of the findings and method of curation or protection of the resources. Further grading or site work within the area of discovery shall not be allowed until the preceding work has occurred.

V-2. If human remains, or remains that are potentially human, are found during construction, a professional archeologist shall ensure reasonable protection measures are taken to protect the discovery from disturbance, all such work shall be halted immediately within 100 feet and the developer shall immediately notify the Community Development Department, representatives of the Wilton Rancheria, and the appropriate Federal and State agencies of the discovery. The archaeologist shall notify the City of Galt Community Development Department and the Sacramento County Coroner (per §7050.5 of the State Health and Safety Code). The provisions of §7050.5 of the California Health and Safety Code, §5097.98 of the California Public Resources Code, and Assembly Bill 2641 will be implemented. If the Coroner determines the remains are Native American and not the result of a crime scene, then the Coroner will notify the Native American Heritage Commission (NAHC), which then will designate a Native American Most Likely Descendant (MLD) for the project (§5097.98 of the Public Resources Code). The designated MLD will have 48 hours from the time access to the property is granted to make recommendations concerning treatment of the remains. If the applicant does not agree with the recommendations of the MLD, the NAHC can mediate (§5097.94 of the Public Resources Code). If an agreement is not reached,

the qualified archaeologist or most likely descendent must rebury the remains where they will not be further disturbed (§5097.98 of the Public Resources Code). This will also include either recording the site with the NAHC or the appropriate Information Center, using an open space or conservation zoning designation or easement, or recording a reinternment document with the county in which the property is located (AB 2641). Work cannot resume within the no-work radius until the Galt Community Development Department, through consultation as appropriate, determines that the treatment measures have been completed to their satisfaction.

VI. ENERGY. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	✖	☐
b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	✖	☐

Discussion

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

California Green Building Standards Code

The 2022 CALGreen Code (CCR Title 24, Part 11) is a portion of the California Building Standard Commission (CBSC), which became effective with the rest of the CBSC on January 1, 2023.[15] The purpose of the CALGreen Code is to improve public health, safety, and general welfare by enhancing the design and construction of buildings through the use of building concepts having a reduced negative impact or positive environmental impact and encouraging sustainable construction practices. The CALGreen Code standards regulate the method of use, properties, performance, types of materials used in construction, alteration, repair, improvement, and rehabilitation of a structure or improvement to a property. The provisions of the code apply to the planning, design, operation, construction, use, and occupancy of every newly constructed building or structure throughout California. Requirements of the CALGreen Code include, but are not limited to, the following measures:

- Compliance with relevant regulations related to future installation of electric vehicle (EV) charging infrastructure in residential and non-residential structures;
- Indoor water use consumption is reduced through the establishment of maximum fixture water use rates;
- Outdoor landscaping must comply with the California Department of Water Resources' MWELO, or a local ordinance, whichever is more stringent, to reduce outdoor water use;
- Diversion of 65 percent of construction and demolition waste from landfills;
- Incentives for installation of electric heat pumps, which use less energy than traditional heating, ventilation, and air conditioning (HVAC) systems and water heaters;
- Required solar photovoltaic (PV) system and battery storage standards for certain buildings; and
- Mandatory use of low-pollutant emitting interior finish materials such as paints, carpet, vinyl flooring, and particle board.

[15] California Building Standards Commission. *2022 California Green Building Standards Code*. 2023.

Building Energy Efficiency Standards

The 2022 Building Energy Efficiency Standards is a portion of the CBSC, which expands upon energy-efficiency measures from the 2019 Building Energy Efficiency Standards, went into effect starting January 1, 2023. The 2022 standards provide for additional efficiency improvements beyond the 2019 standards. The proposed project would be subject to all relevant provisions of the most recent update of the CBSC, including the Building Energy Efficiency Standards. Adherence to the most recent CALGreen Code and Building Energy Efficiency Standards would ensure that the proposed structure would consume energy efficiently.

Construction Energy Use

Construction of the proposed project would involve on-site energy demand and consumption related to use of oil in the form of gasoline and diesel fuel for construction worker vehicle trips, hauling and materials delivery truck trips, and operation of off-road construction equipment. In addition, diesel-fueled portable generators may be necessary to provide additional electricity demands for temporary on-site lighting, welding, and for supplying energy to areas of the site where energy supply cannot be met via a hookup to the existing electricity grid. Even during the most intense period of construction, due to the different types of construction activities (e.g., demolition, site preparation, grading, building construction), only portions of the project site and off-site improvement areas would be disturbed at a time, with operation of construction equipment occurring at different locations on the project site, rather than a single location. Project construction would not involve the use of natural gas appliances or equipment.

All construction equipment and operation thereof would be regulated by the CARB's In-Use Off-Road Diesel Vehicle Regulation. The In-Use Off-Road Diesel Vehicle Regulation is intended to reduce emissions from in-use, off-road, heavy-duty diesel vehicles in California by imposing limits on idling, requiring all vehicles to be reported to CARB, restricting the addition of older vehicles into fleets, and requiring fleets to reduce emissions by retiring, replacing, or repowering older engines, or installing exhaust retrofits. In addition, as a means of reducing emissions, construction vehicles are required to become cleaner through the use of renewable energy resources. The In-Use Off-Road Diesel Vehicle Regulation would therefore help to improve fuel efficiency for equipment used in construction of the proposed project. Technological innovations and more stringent standards are being researched, such as multi-function equipment, hybrid equipment, or other design changes, which could help to further reduce demand on oil and limit emissions associated with construction.

Based on the above, the temporary increase in energy use occurring during construction of the proposed project would not result in a significant increase in peak or base demands or require additional capacity from local or regional energy supplies. In addition, construction activities would be required to comply with all applicable regulations related to energy conservation and fuel efficiency, which would help to reduce the temporary increase in demand.

Operational Energy Use

Following implementation of the proposed project, SMUD and PG&E would provide electricity and natural gas to the project site, respectively. Energy use associated with operation of the proposed project would be typical of residential uses, requiring electricity and natural gas for interior and exterior building lighting, HVAC, electronic equipment,

refrigeration, appliances, and more. Maintenance activities during operations, such as landscape maintenance, would involve the use of electric or gas-powered equipment. In addition to on-site energy use, the proposed project would result in transportation energy use associated with vehicle trips generated by the proposed residential development.

The proposed residential project would be subject to all relevant provisions of the most recent update of the CBSC, including the Building Energy Efficiency Standards. Adherence to the most recent CALGreen Code and the Building Energy Efficiency Standards would ensure that the proposed structures would consume energy efficiently through the incorporation of such features as efficient water heating systems, high performance attics and walls, and high efficacy lighting. Required compliance with the CBSC would ensure that the building energy use associated with the proposed project would not be wasteful, inefficient, or unnecessary. In addition, electricity supplied to the project site by SMUD would comply with the State's Renewable Portfolio Standard (RPS), which requires investor-owned utilities, electric service providers, and community choice aggregators to increase procurement from eligible renewable energy resources to 33 percent of total procurement by 2020 and to 60 percent by 2030. Thus, a portion of the energy consumed during operation of the proposed project would originate from renewable sources.

The CARB prepared the 2022 Scoping Plan for Achieving Carbon Neutrality (2022 Scoping Plan),[16] which builds upon previous efforts to reduce GHG emissions and is designed to continue to shift the California economy away from dependence on fossil fuels. Appendix D of the 2022 Scoping Plan provides suggestions for prioritizing various types of mitigation, such as on-site GHG-reducing design features and mitigation measures. Appendix D includes the methods to reduce vehicle miles traveled (VMT), support building decarbonization, and provide access to shared mobility services or transit, as well as EV charging. Appendix D provides further suggestions for prioritizing other mitigation types, including non-local off-site mitigation, and voluntary offsets issued by a recognized and reputable voluntary carbon registry. The regulation described above, with which the proposed project must comply, would be consistent with the intention of the 2022 Scoping Plan and the recommended actions included in Appendix D of the 2022 Scoping Plan.

With regard to transportation energy use, the proposed project would comply with all applicable regulations associated with vehicle efficiency and fuel economy. In addition, as discussed in Section XVII, Transportation, of this IS/MND, the project site is not anticipated to substantially increase VMT. Furthermore, the City of Galt and surrounding areas provides residents with numerous public transportation options. Transit options include Dial-A-Ride, Highway 99 Express, Delta Route, and other modes of public transit. Transit would provide access to several grocery stores, restaurants, banks, and schools within close proximity to the project site. The site's access to public transit and proximity to bicycle and pedestrian facilities, including the proposed sidewalk connections to existing sidewalks on East Stockton Boulevard and Lyonia Drive, the proposed multi-use trail, and the proposed roadway connection between the two existing stubs of Lyonia Drive, would reduce VMT and, consequently, fuel consumption associated with the proposed single-family residences.

[16] California Air Resources Board. *2022 Scoping Plan for Achieving Carbon Neutrality.* November 16, 2022.

Conclusion

Based on the above, construction and operation of the proposed project would not result in wasteful, inefficient, or unnecessary consumption of energy resources or conflict with or obstruct a State or local plan for renewable energy or energy efficiency. Thus, a ***less-than-significant*** impact would occur.

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

Discussion

The following is primarily based on a Preliminary Geotechnical Evaluation prepared for the proposed project conducted by Geocon Consultants, Inc. (Geocon) (see Appendix C).[17]

ai-ii. According to the Preliminary Geotechnical Evaluation, the project site is not located within an Alquist-Priolo Earthquake Fault Zone and is not located in the immediate vicinity of an active fault. The nearest active fault is the Greenville Connected Fault, which is located over 40 miles west of the project site. Thus, the potential for fault rupture risk at the project site is relatively low.

An earthquake of moderate to high magnitude generated by the above fault could cause considerable ground shaking at the project site. However, General Plan Policy SS-1.7 requires all new buildings to be properly engineered in accordance with the CBSC, which includes engineering standards appropriate for the seismic area in which the project site is located. Conformance with the design standards is verified by the City prior to the issuance of building permits. Projects designed in accordance with the CBSC should be able to: 1) resist minor earthquakes without damage; 2) resist moderate earthquakes without structural damage, but with some non-structural damage; and 3) resist major earthquakes without collapse, but with some structural, as well as non-structural damage. Although conformance with the CBSC does not guarantee that substantial structural damage would not occur in the event of a maximum magnitude earthquake, conformance

[17] Geocon Consultants Inc. *Sheffield Subdivision Preliminary Geotechnical Investigation.* April 25, 2025.

with the CBSC can reasonably be assumed to ensure structures would be survivable, allowing occupants to safely evacuate in the event of a major earthquake.

Conformance with the CBSC design standards is enforced through building plan review and approval by the City. Based on the above, the proposed project would not directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault or strong seismic ground shaking. Thus, a ***less-than-significant*** impact would occur.

aiii,aiv, c. The proposed project's potential effects related to liquefaction, subsidence/settlement, landslides, and lateral spreading are discussed in detail below.

Liquefaction

Liquefaction is the temporary transformation of loose, saturated granular sediments from a solid state to a liquefied state as a result of seismic ground shaking. In the process, the soil undergoes transient loss of strength, which commonly causes ground displacement or ground failure to occur. Because saturated soils are a necessary condition for liquefaction, soil layers in areas where the groundwater table is near the surface have higher liquefaction potential than those in which the water table is located at greater depths. Additionally, loose unsaturated sandy soils have the potential to settle during strong seismic shaking. Liquefaction can often result in subsidence or settlement.

According to the Preliminary Geotechnical Evaluation, the project site is not located in a currently established State of California Seismic Hazard Zone for liquefaction, and groundwater was estimated to be 80 to 90 feet below the estimated average elevation of the project site. According to bulk soil samples collected during the Preliminary Geotechnical Evaluation, the upper three feet of soil on the project site consists of lean clay with varying amounts of silt and fine sand. The project site is anticipated to be underlain by primarily interbedded layers of lean and sandy lean clay, silt and sandy silt, and silty and clayey sand. According to the Preliminary Geotechnical Evaluation, the potential for soil liquefaction is low, and mitigation and specific design measures with respect to liquefaction are not expected to be necessary for the project. Due to the low-likelihood that development within the project site would be subject to risks from liquefaction, implementation of the proposed project would not result in risks related to liquefaction, either seismically induced or otherwise.

Subsidence/Settlement

The General Plan EIR determined that subsidence in the City of Galt has occurred primarily along the Delta within the City's planning area. The City is considered a potential subsidence area due to the underlying groundwater basin and the rates of groundwater withdrawal that have occurred in the past. Although subsidence has the potential to occur in the project area, the EIR concluded that with implementation of General Plan Policies SS-2.1, SS-2.2, SS-2.3, and LU-1.9, impacts related to subsidence and settlement would be reduced to a less-than-significant level. Such policies include limits on development within unstable areas and requirements related to preparation of grading and erosion control plans for new development projects.

The Preliminary Geotechnical Report determined that the project site has medium to high potential of subsidence. In addition, the Preliminary Geotechnical Report states that excavation associated with the removal of existing on-site improvements, such as the on-site well, could encounter debris from previous development. Existing fill, if encountered,

backfill, and soils disturbed during demolition would require removal and thorough re-compaction to provide uniform support for the proposed development. Consistent with the CBSC, the Preliminary Geotechnical Report prepared for the proposed project identifies appropriate construction and structural design methods to reduce the potential for damage from unstable soil conditions, including subsidence. Given compliance with the recommendations of the Preliminary Geotechnical Report, associated risks to the proposed development would not occur.

Landslides

Seismically-induced landslides are triggered by earthquake ground shaking. The risk of landslide hazard is greatest in areas with steep, unstable slopes. According to the Preliminary Geotechnical Evaluation, the topography of the project site is relatively flat and level. In addition, according to the California Geologic Survey, the project site is not located in a known landslide zone.[18] Therefore, the proposed project would not be subject to substantial landslide risks.

Lateral Spreading

Lateral spreading is horizontal/lateral ground movement of relatively flat-lying soil deposits towards a free face such as an excavation, channel, or open body of water; typically, lateral spreading is associated with liquefaction of one or more subsurface layers near the bottom of the exposed slope. The project site does not contain any slopes and is not located near any open faces that would be considered susceptible to lateral spreading. In addition, as previously discussed, implementation of the proposed project would not result in risks related to liquefaction. Based on the above, the potential for lateral spreading to pose a risk to the proposed development is low.

Conclusion

Based on the above, the proposed project would not be subject to substantial risks related to liquefaction, landslides, or lateral spreading. Compliance with City policies and standard construction regulations included in the CBSC would ensure that the proposed project would not directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving subsidence or settlement. Furthermore, the proposed project would not 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 liquefaction or collapse. However, potential risks could occur related to subsidence. Thus, a ***potentially significant*** impact could occur.

Mitigation Measure(s)

Implementation of the following mitigation measure would reduce the above impact to a *less-than-significant* level.

VII-1. Prior to issuance of grading permits, the project Civil Engineer shall show on the project plans that the project design adheres to all engineering recommendations provided in the site-specific Preliminary Geotechnical Evaluation prepared for the proposed project by Geocon Consultants, Inc. Proof of compliance with all recommendations specified in the Preliminary Geotechnical Evaluation shall be subject to review and approval by the City Engineer.

[18] California Department of Conservation. *California Earthquake Hazards Zone Application.* Available at: https://maps.conservation.ca.gov/cgs/informationwarehouse/eqzapp/. Accessed June 2025.

b. Issues related to erosion and degradation of water quality during construction are discussed in further detail in Section X, Hydrology and Water Quality, of this IS/MND. As noted therein, the proposed project would not result in substantial soil erosion or the loss of topsoil. Thus, a ***less-than-significant*** impact would occur.

d. Expansive soils are those possessing clay particles that react to moisture changes by shrinking or swelling. Expansive soils can also consist of silty to sandy clay. If structures are underlain by expansive soils, foundation systems must be capable of tolerating or resisting any potentially damaging soil movements, and building foundation areas must be properly drained. According to the Preliminary Geotechnical Investigation prepared for the project site, the near-surface soils at the project site consist of lean clay, clayey silt, and silty sand. An Expansion Index test conducted during the Preliminary Geotechnical Investigation determined that the upper three feet of soils on the project site have low potential for expansion with increases in soil moisture content. However, based on the presence of near-surface predominately clay soil, the Preliminary Geotechnical Investigation recommends additional testing to evaluate soil expansion potential. Therefore, the proposed project could be located on expansive soil, creating substantial direct or indirect risks to life or property, and a ***potentially significant*** could occur.

Mitigation Measure(s)

Implementation of the following mitigation measure would reduce the above impact to a *less-than-significant* level.

VII-2. Implement Mitigation Measure VII-1.

e. The proposed project would connect to existing City sewer infrastructure. Thus, the construction or operation of septic tanks or other alternative wastewater disposal systems is not included as part of the project. Therefore, ***no impact*** regarding the capability of soil to adequately support the use of septic tanks or alternative wastewater disposal systems would occur.

f. The City's General Plan indicates that known paleontological resources could exist along major waterways within the City, especially the Cosumnes River, and along the Dry Creek corridor.[19] Development allowed under the General Plan could result in the discovery and disturbance of previously unknown or undiscovered paleontological resources. The City's General Plan EIR concluded that with implementation of Policy HRE-4.1 through HRE-4.4, which require all new development projects to comply with procedures upon discovery of unique paleontological resources, impacts related to disturbance of paleontological resources would be less than significant. The City's General Plan does not note the existence of any unique geologic features within the City.

The project site does not contain any unique geologic features; however, previously unknown paleontological resources could exist within the subject property or off-site improvement areas due to the presence of Deadman's Gulch immediately north and east of the site as well as the Dry Creek channel within five miles of the project site. Thus, ground-disturbing activity, such as grading, trenching, or excavating associated with implementation of the proposed project, could have the potential to disturb or destroy such resources. Therefore, the proposed project could result in the direct or indirect destruction of a unique paleontological resource, and a ***potentially significant*** impact could occur.

[19] City of Galt. *City of Galt. City of Galt General Plan Existing Conditions Report* [pg. 9-8]. November 2005.

Mitigation Measure(s)

Implementation of the following mitigation measure would reduce the above potential impact to a *less-than-significant* level.

VII-3. Should construction or grading activities result in the discovery of unique paleontological resources, all work within 100 feet of the discovery shall cease. The Community Development Department shall be notified, and the resources shall be examined by a qualified archaeologist, paleontologist, or historian, at the developer's expense, for the purpose of recording, protecting, or curating the discovery as appropriate. The archaeologist, paleontologist, or historian shall submit to the Community Development Department for review and approval a report of the findings and method of curation or protection of the resources. Work may only resume in the area of discovery when the preceding work has occurred.

VIII. GREENHOUSE GAS EMISSIONS. *Would the project:*	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	✖	☐	☐
b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gasses?	☐	✖	☐	☐

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

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

Recognizing the global scale of climate change, California has enacted several pieces of legislation in an attempt to address GHG emissions. Specifically, AB 32, and more recently SB 32, have established statewide GHG emissions reduction targets. Accordingly, the CARB has prepared the Climate Change Scoping Plan for California (Scoping Plan), which was approved in 2008, and updated in 2017 and 2022. The Scoping Plan provides the outline for actions to reduce California's GHG emissions and achieve the emissions reductions targets required by AB 32. In concert with statewide efforts to reduce GHG emissions, air districts, Counties, and local jurisdictions throughout the State have implemented their own policies and plans to achieve reductions in line with the Scoping Plan and emissions reductions targets, including AB 32 and SB 32.

In addition, SMAQMD has adopted thresholds of significance for GHG emissions during construction and operation of projects. However, the City of Galt has adopted a Climate Action Plan (CAP), which provides a City-wide approach to the analysis of GHG emissions and thus, potential impacts related to climate change associated with operation of the proposed project are assessed based on the project's compliance with the City's CAP sustainability checklist.

GHG emissions resulting from construction and operations of the proposed project were modeled using the CalEEMod emissions model under the same assumptions as discussed in Section III, Air Quality, of this IS/MND. All modeling results are included as Appendix A.

Construction GHG Emissions

For construction-related GHG emissions, SMAQMD has adopted a threshold of significance of 1,100 $MTCO_2e$/yr. If construction of the proposed project would result in emissions that exceed 1,100 $MTCO_2e$/yr, then construction of the project could result in a potentially significant impact and mitigation measures would be required. The estimated unmitigated maximum annual construction-related emissions from the proposed project are presented in Table 6.

Table 6
Total Maximum Unmitigated Construction GHG Emissions

	GHG Emissions ($MTCO_2e$/yr)
Maximum Construction GHG Emissions	358
SMAQMD Threshold	**1,100**
Exceeds Threshold?	**NO**

Source: CalEEMod, March 2025 (see Appendix A).

Based on the modeling conducted for the proposed project, construction of the project was estimated to generate maximum unmitigated GHG emissions of 358 $MTCO_2e$/yr. As shown in the table, maximum emissions related to construction of the proposed project would not exceed the applicable threshold of significance. Therefore, project construction would not result in a cumulatively considerable contribution to global climate change.

Operational GHG Emissions

SMAQMD has adopted qualitative thresholds of significance for GHG emissions during operations of projects. However, SMAQMD's CEQA Guidelines note that, where local jurisdictions have adopted thresholds or guidance for analyzing GHG emissions, the local thresholds should be used for the project analysis. The City of Galt has adopted a CAP, which provides a city-wide approach to the analysis of GHG emissions. The City's CAP includes a sustainability checklist which contains measures intended to reduce emissions from existing sources, as well as measures aimed at reducing emissions from future sources related to development within the City. Thus, the analysis provided herein is focused on the proposed project's consistency with the City's CAP sustainability checklist. Nonetheless, the estimated unmitigated maximum annual operational emissions from the proposed project were modeled for informational purposes. According to the CalEEMod calculations, the proposed project would generate maximum unmitigated GHG emissions of 1,356 $MTCO_2e$/yr during operations.

Consistency with the City of Galt CAP

The Galt CAP includes a sustainability checklist to be used in analyzing the consistency of new development projects within the City of Galt with the City's CAP. Accordingly, the sustainability checklist has been completed for the proposed project and is summarized below. Please refer to Appendix D for the full sustainability checklist.

The sustainability checklist requires that the project includes bicycle, pedestrian, and/or transit infrastructure, pursuant to CAP Transportation Measures 1 and 2. Consistent with such measures, the project would include five-foot-wide sidewalks on both sides of the new internal roadways and would include a 10- to 14-foot-wide multi-use trail located along the northern and eastern property boundaries. Consistent with CAP Transportation Measure 5 and the 2022 CALGreen standards, the proposed project would incorporate EV-ready infrastructure. Consistent with Land Use Measure 3, the proposed project would

include urban tree planting and landscaping through the site, as shown in Figure 8 of this IS/MND. Furthermore, the Galt CAP sustainability checklist requires outdoor electrical outlets or infrastructure to support the use of all electric landscaping equipment. In the case of the proposed project, outdoor electric outlets to support the use of electric landscaping equipment would be included in front and rear yards. Consistent with CAP Transportation Measure 7, the proposed project would include a planter strip between the Class I bicycle lane and Saner Street, which would act as a road calming measure. However, the planter strip would not be incorporated into 50 percent of the proposed roadways. Additionally, the Striping Plan for the proposed roadways has not been provided, thus 50 percent of the proposed roadways could not be confirmed to be designed with traffic calming and congestion management measures. Because the traffic calming measures are not known at this time, without the implementation of mitigation, a significant impact could occur related to conflict with Section 1 of the Galt CAP sustainability checklist. Consistent with CAP Transportation Measure 9, the project construction fleet would include a percentage of construction equipment meeting the U.S. EPA's Tier 4 standards.

In accordance with Section 2, Sustainable Design Options, of the sustainability checklist, the proposed project is required to meet at least two of the sustainable design options provided. The proposed project complies with the sustainable design options by (1) constituting an infill project, and (2) including sustainable design practices. The project site is surrounded by single-family residences to the north and south; a park to the east; and Stockton Boulevard to the west. As such, the Sheffield Subdivision Project would qualify as an infill project. Pursuant to the CBSC and City's Municipal Code, the proposed project would include several sustainable design features, including the following:

- Outdoor landscaping must reduce outdoor water use through compliance with the California Department of Water Resources MWELO and landscape water efficiency standards set forth in Chapter 18.52 of the Municipal Code;
- 65 percent of construction and demolition waste must be diverted from landfills;
- Installation of high efficacy lighting and water heating systems;
- Inclusion of high-performance attics and walls; and
- Installation of on-site solar energy systems to provide a portion of the on-site electricity demand.

With the inclusion of the above sustainable design practices and the project's status as an infill project, the proposed project would comply with the requirements in Section 2 of the Galt CAP sustainability checklist.

Based on the above, because compliance with Section 1 of the Galt CAP sustainability checklist cannot be ensured, the proposed project could generate GHG emissions that would have a significant impact on the environment or conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHG. Therefore, impacts would be considered ***potentially significant***.

Mitigation Measure(s)

Implementation of the following mitigation measure(s) would reduce the above potential impact to a *less-than-significant* level.

VIII-1. Prior to the issuance of building permits, the project applicant/developer shall incorporate traffic calming measures into project Improvement Plans, on 50 percent of project roadways and intersections, or to the maximum extent feasible, for review and approval by the City Engineer. Traffic calming features may include, but are not limited to, the following features: marked crosswalks, count-down signal timers, curb extensions, speed tables, raised crosswalks, raised intersections, median islands, tight corner radii, roundabouts or mini-circles, on-street parking, planter strips with street trees, and chicanes/chokers.

IX. HAZARDS AND HAZARDOUS MATERIALS. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	✖	☐
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment?	☐	✖	☐	☐
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	✖	☐
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	✖	☐
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	✖
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	✖	☐	☐
g. Expose people or structures, either directly or indirectly, to the risk of loss, injury or death involving wildland fires?	☐	☐	✖	☐

Discussion

a. A significant hazard to the public or the environment could result from the routine transport, use, or disposal of hazardous materials. Future operations of the proposed subdivision on the project site could involve the use of common household cleaning products, fertilizers, and herbicides, any of which could contain potentially hazardous chemicals; however, such products would be expected to be used in accordance with label instructions. Due to the regulations governing use of such products and the amount that could reasonably be used on the site, routine use of such products would not represent a substantial risk to public health or the environment. Therefore, the proposed project would not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials, and a ***less-than-significant*** impact would occur.

b. The following discussion provides an analysis of potential hazards related to the proposed construction activities and the project's potential to exacerbate any existing on-site hazardous conditions. The analysis of existing on-site hazardous conditions is based on a Phase I Environmental Site Assessment Report (ESA) conducted for the proposed project by Geocon (see Appendix E).[20]

Construction Activities

Construction activities associated with the proposed project would involve the use of heavy equipment, which would contain fuels and oils, and the use of other products such

[20] Geocon Consultants Inc. *Phase I Environmental Site Assessment Report, Sheffield Subdivision East Stockton Boulevard Galt, California.* April 28, 2025.

as concrete, paints, and adhesives. Small quantities of potentially toxic substances (e.g., petroleum and other chemicals used to operate and maintain construction equipment) would be used at the project site and transported to and from the site during construction. However, the project contractor would be required to comply with all California Health and Safety Codes and local City ordinances regulating the handling, storage, and transportation of hazardous and toxic materials. Thus, construction of the proposed project would not create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment.

Existing On-Site Hazardous Conditions

Geocon conducted a site reconnaissance on March 31, 2025 to observe existing site features and conditions. The on-site survey identified piles of miscellaneous materials to the northeast and southeast of the existing on-site single-family residence. Geocon determined that the piles do not constitute a recognized environmental condition (REC) and would be properly disposed of during site grading and preparation for construction. In addition, a dilapidated supply well was identified approximately 60 feet southwest of the single-family residence. A discussion of potential on-site hazardous conditions based on the Phase I ESA is discussed below.

Contaminated Soils

By 1937 the project site was developed for agricultural activities, including dry farmed land. Furthermore, adjoining properties appear to have been used for dry farming, pastureland, and row crop agriculture. Use of pesticides in areas with a history of agricultural use could not be ruled out by the Phase I ESA. In addition, site maintenance may have included the application of persistent pesticides around the perimeters of former and existing structures to prevent pest invasions. Contaminated soils can leach toxic chemicals into nearby ground or surface waters, where these materials can be taken up by plants and animals, contaminate a human drinking water supply, or volatilize and contaminate the indoor air in overlying buildings.[21] Accordingly, the potential exists for residual levels of persistent pesticide chemicals to remain on the project site, particularly around the perimeter of the former and existing on-site structures, as well as associated with the historic use of the site for agricultural purposes.

Wells and/or Septic Systems

The Phase I ESA determined that records of the existing dilapidated supply well on the project site were unavailable. However, as previously discussed, an on-site well was identified during the field survey conducted as part of the Phase I ESA. Wells carry the potential to be contaminated by both naturally occurring sources and by human activities, with contaminants potentially released into the environment through ground-disturbing construction activities in the event that on-site wells are disrupted.[22] In addition, because the project site is currently developed with a residence, the potential exists for a septic field associated with the residence to be uncovered during construction. Failing or older septic systems are likely to discharge untreated wastewater, which contain pathogens,

---

[21] U.S. Environmental Protection Agency. *Contaminated Land.* Available at: https://www.epa.gov/report-environment/contaminated-land#:~:text=Contaminated%20soils%20can%20leach%20toxic,indoor%20air%20in%20overlying%20buildings. Accessed: July 2025.

[22] Centers for Disease Control and Prevention. *Overview of Water-related Diseases and Contaminants in Private Wells*. Available at: https://www.cdc.gov/healthywater/drinking/private/wells/diseases.html. Accessed June 2025.

nutrients, and other harmful substances directly into the groundwater or onto the ground and into surface waters.[23] If any undocumented or abandoned underground storage tanks (USTs), septic systems, water wells, or other subsurface structures are encountered during construction operations, the Phase I ESA recommends the proper abandonment or removal in accordance with applicable regulatory agency reporting/permitting requirements. Thus, without proper abandonment or removal, a significant impact could occur.

Hazardous Building Materials

Asbestos is the name for a group of naturally occurring silicate minerals that are considered to be "fibrous" and, through processing, can be separated into smaller and smaller fibers. The fibers are strong, durable, chemical resistant, and resistant to heat and fire. They are also long, thin, and flexible, such that they can be woven into cloth. Because of the above qualities, asbestos was considered an ideal product and has been used in thousands of consumer, industrial, maritime, automotive, scientific, and building products. However, later discoveries found that, when inhaled, the material caused serious illness.

For buildings constructed prior to 1980, the Code of Federal Regulations (29 CFR 1926.1101) states that all thermal system insulation (boiler insulation, pipe lagging, and related materials) and surface materials must be designated as "presumed asbestos-containing material" unless proven otherwise through sampling in accordance with the standards of the Asbestos Hazard Emergency Response Act. Because the existing on-site structure was constructed in approximately 1950, the potential exists that asbestos-containing materials (ACMs) were used in the construction of the residence. Thus, the proposed project could potentially expose construction workers to asbestos during demolition of the structures, and a significant impact could occur.

Federal guidelines define lead-based paint (LBP) as any paint, varnish, stain, or other applied coating that has one milligram of lead per square centimeter or greater. Lead is a highly toxic material that may cause a range of serious illnesses, and in some cases death. In buildings constructed after 1978, the presence of LBP is unlikely. Structures built prior to 1978, and especially prior to the 1960s, are expected to contain LBP. Given that the existing structure on the property was constructed before the phase-out of LBPs in the 1970s, the proposed project could potentially expose construction workers to LBP during demolition of the structure. Thus, a significant impact could occur during demolition of the on-site structure.

Conclusion

Based on the above, the potential exists for persistent pesticides and arsenic in on-site soils, existing septic systems, ACMs, and LBPs to occur, in addition to the existing on-site supply well. Therefore, the proposed project could 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, and a ***potentially significant*** impact could occur.

[23] U.S. Environmental Protection Agency. *Septic System Impacts on Water Sources.* Available at: https://www.epa.gov/septic/septic-system-impacts-water-sources. Accessed July 2025.

Mitigation Measure(s)

Implementation of the following mitigation measure would reduce the above potential impact to a *less-than-significant* level.

IX-1. Prior to initiation of construction activities on the proposed project site, the project applicant shall complete an analysis of on-site soils to determine whether substantial concentrations of organochloride pesticides, arsenic, or other soil contaminants are present above the applicable direct exposure Environmental Screening Levels (ESLs) set by the Regional Water Quality Control Board, the residential screening levels set by the Department of Toxic Substances Control's (DTSC's) Human Health Risk Assessment Note 3, and/or the U.S. Environmental Protection Agency's Regional Screening Levels (RSLs) for Region 9. If contaminants are not detected above applicable ESLs/RSLs, then further mitigation is not required. If contaminants are detected above the applicable ESLs/RSLs, then the soils shall be remediated by off-hauling to a licensed landfill facility. Such remediation activities shall be performed by a licensed hazardous waste contractor (Class A) and contractor personnel that have completed 40-hour Occupational Safety and Health Administration (OSHA) hazardous training. Impacted soils shall be managed in accordance with the recommendations of applicable federal, State, and local standards, to the satisfaction of the City of Galt and the Sacramento County Environmental Management Department. The results of soil sampling and analysis, as well as verification of proper remediation and disposal, shall be submitted to the City of Galt Community Development Department for review and approval.

IX-2. Prior to issuance of grading permits, the site shall be examined for existing septic systems. If septic systems are not found, further mitigation is not required. In the event of a discovery, the system shall be abandoned in consultation with the Sacramento County Environmental Management Department. The results of any surveys and proof of abandonment shall be provided to the City Community Development Department and City Engineer.

IX-3. Prior to initiation of any ground disturbance activities, the applicant shall hire a licensed well contractor to obtain a well abandonment permit from Sacramento County Environmental Management Department and properly abandon the on-site wells to the satisfaction of the Sacramento County Environmental Health Department. The results of any surveys and proof of abandonment shall be provided to the City Community Development Department and City Engineer.

IX-4. Prior to issuance of a demolition permit by the City for any on-site structures, the project applicant shall provide a site assessment that determines whether any structures to be demolished contain LBP, asbestos, mercury, or polychlorinated biphenyl caulk. Sampling shall be conducted in accordance with the California Department of Toxic Substances Control's 2006 Interim Guidance Evaluation of School Sites with Potential Contamination from Lead based Paint, Termiticides, and Electrical Transformers. If structures do not contain the aforementioned chemicals, further mitigation is not required; however, if LBP is found, all loose and peeling paint shall be removed and disposed of by a licensed and certified lead paint removal contractor, in accordance with CARB recommendations and OSHA requirements. If asbestos is found, all construction activities shall comply with all

requirements and regulations promulgated through the National Emission Standards for Hazardous Air Pollutants (NESHAP) enforced by SMAQMD local district Rule 902 Asbestos. The demolition contractor shall be informed that all paint on the buildings shall be considered as containing lead and/or asbestos. The contractor shall follow all work practice standards set forth in the Asbestos National Emission Standards for Hazardous Air Pollutants (Asbestos NESHAP, 40 CFR, Part 61, Subpart M) regulations, as well as Section V, Chapter 3 of the OSHA Technical Manual. Should mercury or polychlorinated biphenyl caulk be detected, the removal, demolition, and disposal of such chemicals shall be conducted in compliance with California environmental regulations and policies. Work practice standards generally include appropriate precautions to protect construction workers and the surrounding community, and appropriate disposal methods for construction waste containing lead paint or asbestos in accordance with federal, State, and local regulations subject to approval by the City Engineer.

c. The project site is located approximately 910 feet southwest of the River Oaks Elementary School and, thus, the project site is located within one-quarter mile of an existing school. However, as discussed under question 'b' above, with implementation of mitigation, development of the proposed project would not result in any significant hazards related to the use, transport, disposal, or upset of hazardous materials. Therefore, the proposed project would have a ***less-than-significant*** impact with respect to emitting hazardous emissions or handling hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school.

d. The California Environmental Protection Agency (Cal EPA) has compiled a list of data resources that provide information regarding the facilities or sites identified as meeting the "Cortese List" requirements, pursuant to Government Code 65962.5. The components of the Cortese List include the DTSC Hazardous Waste and Substances Site List,[24] the list of leaking UST sites from the State Water Resources Control Board (SWRCB's) GeoTracker database,[25] the list of solid waste disposal sites identified by the SWRCB, and the list of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO) from the SWRCB.[26]

According to the Phase I ESA, the project site and off-site improvement areas are not included on the DTSC Hazardous Waste and Substances Site List, SWRCB's list of solid waste disposal sites, list of leaking UST sites, or list of active CDO and CAO. Therefore, the proposed project would not create a significant hazard to the public or the environment related to being located on a site which is included on a list of hazardous materials compiled pursuant to Government Code Section 65962.5, and a ***less-than-significant*** impact would occur.

e. The nearest airport to the project site is the Bottimore Ranch Airport-65CN, which is located approximately 3.15 miles northeast of the project site. As such, the project site is not located within two miles of any public airports, and does not fall within an airport land

[24] Department of Toxic Substances Control. *Hazardous Waste and Substances Site List (Cortese).* Available at: https://www.envirostor.dtsc.ca.gov/public/. Accessed July 2025.

[25] State Water Resources Control Board. *GeoTracker.* Available at: https://geotracker.waterboards.ca.gov/map/?myaddress=California&from=header&cqid=8858350455. Accessed July 2025.

[26] CalEPA. *Cortese List Data Resources*. Available at: https://calepa.ca.gov/sitecleanup/corteselist/. Accessed July 2025.

use plan area. Therefore, ***no impact*** would occur related to the project being located within an airport land use plan or within two miles of a public airport or public use airport, thereby resulting in a safety hazard or excessive noise for people residing or working in the project area.

f. During construction of the proposed project, all construction equipment would be staged on-site so as to prevent obstruction of local and regional travel routes in the City that could be used as evacuation routes during emergency events.

Emergency vehicle access would be provided by the new roadway connections from the project site to East Stockton Boulevard to the west and Lyonia Drive to the south. The internal roadway network would ensure adequate emergency vehicle access to the project site, and that the proposed residences would not interfere with potential evacuation or response routes used by emergency response teams during operations. Furthermore, the City of Galt's Emergency Operations Plan, which is a multi-hazard functional plan, is in place to assist emergency responders and other City staff assigned to a responsible role during a disaster.

The project would also include off-site improvements to facilitate access to the project site. Such improvements would include extension of the proposed multi-use trail and Lyonia Drive. The implementation of the aforementioned improvements would directly influence the transportation network near the site during construction, and could result in roadway or lane closures that adversely affect residents in the project area. During project operations, however, the new extension of Lyonia Drive would enhance connectivity in the site vicinity and would have the potential to improve emergency vehicle access to the project site.

Based on the above, although the project would alter the existing circulation system in the surrounding area, the effect of the proposed off-site improvements would be beneficial. However, without proper planning of construction activities, construction traffic could interfere with existing roadway operations during the construction phase, which could impair the implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. Therefore, project traffic related to construction activities could result in a ***potentially significant*** impact.

Mitigation Measure(s)

Implementation of the following mitigation measure would reduce the above potential impact to a *less-than-significant* level.

IX-5. Prior to initiation of construction activities, the project applicant shall prepare a Construction Traffic Control Plan for review and approval by the City Engineer. The plan shall include the following:

- *A project staging plan to maximize on-site storage of construction materials and equipment;*
- *A set of comprehensive traffic control measures, including scheduling of major truck trips and deliveries to avoid peak hours; lane closure proceedings; signs, cones and other warning devices for drivers; and designation of construction access routes;*
- *Provisions for maintaining adequate emergency access to the project site;*
- *Permitted construction hours;*
- *Designated locations for construction staging areas;*

- *Identification of parking areas for construction employees, site visitors, and inspectors, including on-site locations; and*
- *Provisions for street sweeping to remove construction-related debris on public streets.*

A copy of the Construction Traffic Control Plan shall be submitted to local emergency response agencies, and the agencies shall be notified at least 14 days prior to the commencement of construction that would partially or fully obstruct roadways.

g. Issues related to wildfire hazards are discussed in Section XX, Wildfire, of this IS/MND. As noted therein, the project site is not located within or near a Very High Fire Hazard Severity Zone.[27] In addition, the project site is generally surrounded by urbanized and developed areas and is bordered by East Stockton Boulevard to the west, Deadman's Gulch drainage channel and the associated riparian corridor to the north and east, and single-family residential units to the north and south. Thus, the potential for wildland fires to reach the project site would be limited. Based on the above, the proposed project would not expose people or structures to the risk of loss, injury or death involving wildland fires, and a ***less-than-significant*** impact would occur.

[27] California Department of Forestry and Fire Protection. *Fire Hazard Severity Zones Maps*. Available at: https://www.fire.ca.gov/osfm/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones/fire-hazard-severity-zones-maps-2022. Accessed June 2025.

X. HYDROLOGY AND WATER QUALITY. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	✖	☐	☐
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	✖	☐
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
i. Result in substantial erosion or siltation on- or off-site;	☐	☐	✖	☐
ii. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	☐	☐	✖	☐
iii. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	✖	☐
iv. Impede or redirect flood flows?	☐	☐	✖	☐
d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	✖
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	✖	☐

Discussion

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

Construction

The City of Galt has a Phase I National Pollutant Discharge Elimination System (NPDES) permit and is part of the Sacramento Stormwater Quality Partnership (SSQP). The City of Galt is regulated by Order No. R5-2002-0206 NPDES No. CAS082597, "Waste Discharge Requirements for County of Sacramento and the Cities Citrus Heights, Elk Grove, Folsom, Galt and Sacramento Storm Water Discharges From Municipal Separate Storm Sewer Systems Sacramento County" issued by the Central Valley Regional Water Quality Control Board (CVRWQCB). However, the City of Galt Municipal Separate Storm Sewer System (MS4) is noncontiguous with other MS4s and is surrounded by rural and agricultural areas that are not subject to NPDES regulations.

The City of Galt participates in the County-wide Sacramento Stormwater Quality Improvement Program (SQIP), which was established in 1990 to reduce the pollution carried by stormwater into local creeks and rivers. The SQIP is based on the NPDES municipal stormwater discharge permit. The comprehensive SQIP includes pollution reduction activities for construction sites, industrial sites, illegal discharges and illicit connections, new development, and municipal operations.

Grading and excavation during construction, as well as implementation of new structures associated with the proposed project, would create the potential to degrade water quality from increased sedimentation and increased discharge (increased flow and volume of runoff) associated with stormwater runoff. During the early stages of construction activities, topsoil would be exposed due to grading of the site. After grading and prior to overlaying the ground with impervious surfaces and structures, the potential exists for wind and water erosion to discharge sediment and/or pollutants into stormwater runoff. The discharge of sediment and/or pollutants into stormwater runoff could adversely affect the water quality in the project area. The SWRCB adopted a statewide general NPDES permit for stormwater discharges associated with construction activity. Dischargers whose projects disturb one or more acres of soil are required to obtain coverage under the General Permit for Discharges of Storm Water Associated with Construction Activity Construction General Permit Order 2009-0009-DWQ. Construction activity subject to the General Permit includes clearing, grading and disturbances to the ground such as stockpiling, or excavation. The proposed project would include disturbance of approximately 9.5 acres, and, thus, is subject to the relevant requirements within the aforementioned General Permit.

The proposed project would be required to implement all applicable goals, policies and BMP's set forth by the above programs. The project's compliance with the requirements of the SWRCB, the SQIP, and the City of Galt's Stormwater Management Program would ensure that construction activities, would not result in degradation of downstream water quality. However, the proposed project's construction activities could result in an increase in erosion and consequently affect water quality. Compliance with the foregoing requirements is typically demonstrated through implementation of a Storm Water Pollution Prevention Plan (SWPPP). A SWPPP has not yet been prepared for the project. Without preparation of a SWPPP, proper implementation of BMPs cannot be ensured at this time, and the proposed project's construction activities could result in an increase in erosion and consequently affect water quality.

Operations

After project construction, impervious surfaces on the project site could contribute incrementally to the degradation of downstream water quality during storm events. During the dry season, vehicles and other urban activities may release contaminants onto the impervious surfaces, where they would accumulate until the first storm event. During the initial storm event, or first flush, the concentrated pollutants would be transported via stormwater runoff from the site to the stormwater drainage system and eventually a downstream waterway. Typical urban pollutants that would likely be associated with the proposed project include sediment, pesticides, oil and grease, nutrients, metals, bacteria, and trash. In addition, stormwater runoff could cause soil erosion if not properly addressed, which would provide a more lucrative means of transport for pollutants to enter the waterways.

The proposed project would result in the demolition of the existing on-site single-family residential unit, removal of 21 on-site trees, and development of a new subdivision which would include single-family residential lots and an internal roadway network. As such, water quality could be degraded in the project vicinity due to runoff from the developed project site. Operational runoff from the project site would either infiltrate into proposed landscape areas or would be captured by curb inlets and be routed by way of new storm drain manholes and 15-, 18-, and 24-inch storm drain lines to the existing storm drain line

in Lyonia Drive. In addition, the project's compliance with the requirements of the SWRCB, SQIP, and the City of Galt's Stormwater Management Program would ensure that operational activities would not result in degradation of downstream water quality. However, as discussed above, a SWPPP has not yet been prepared for the project. Without preparation of a SWPPP, proper implementation of BMPs cannot be ensured at this time, and the proposed project's operational activities could result in an increase in runoff that would adversely impact water quality in the project vicinity.

Conclusion

Based on the above, the proposed project has not demonstrated adequate compliance with applicable water quality and waste discharge requirements and could result in increases in erosion and runoff. Therefore, a ***potentially significant*** impact related to water quality and waste discharge requirements could result.

Mitigation Measure(s)

Implementation of the following mitigation measure would reduce the above potential impact to a *less-than-significant* level.

X-1. Prior to the issuance of grading permits, the developer shall obtain and comply with the NPDES general construction permit including the submittal of a Notice of Intent (NOI) and associated fee to the SWRCB and the preparation of a SWPPP that includes both construction stage and permanent storm water pollution prevention practices, in conformance with the SQIP, to be submitted to the City Engineer for review.

b,e. Water for the project site would be supplied by the City of Galt. According to the City's 2020 Urban Water Management Plan (UWMP),[28] the City of Galt's groundwater is derived from the Cosumnes Subbasin, which is part of the San Joaquin Valley Groundwater Basin. Despite growth within the City of Galt, on-going groundwater use, and the uncertainty of overdraft conditions, monitoring of groundwater levels within the City dating back to 1961 has shown little change in depth to groundwater. The 2020 UWMP concludes that groundwater resources within the City are anticipated to be sufficient at least through the year 2045. Increases in demand for groundwater that occur with buildout of the City can be met through continued pumping from existing wells and the construction of new wells as needed.[29] The proposed project is not anticipated to require construction of a new well, and continued pumping from existing City of Galt wells is not anticipated to inhibit the use of groundwater by the City.

Given that the project site represents a relatively small area compared to the size of the groundwater basin, the site does not currently represent a substantial source of groundwater recharge. In addition, the proposed landscaped areas within the project site would continue to allow stormwater runoff to percolate into underlying soils, thereby contributing to groundwater recharge. Although the proposed project would require a General Plan Amendment to amend the site's current General Plan land use designation from Low-Density Residential to Medium Density Residential, the project site has been previously designated for urban development and the loss of groundwater infiltration at the site due to development has been previously anticipated in the General Plan EIR. Overall, the proposed project would result in a ***less-than-significant*** impact with respect to substantially decreasing groundwater supplies or interfering substantially with

[28] City of Galt. *2020 Urban Water Management Plan Update*. June 2021.
[29] *Ibid.*

groundwater recharge such that the project would impede sustainable groundwater management of the basin.

ci-iii. While the project site is currently developed with a single-family residence, the remainder of the project site is undeveloped with annual grassland and scattered trees. Implementation of the proposed project would include demolition of the existing on-site single-family residential unit, removal of 21 on-site trees, and subdivision of the site into 65 single-family residential lots. Such development would increase the amount of impervious surfaces within the project site from existing conditions. With implementation of the proposed project, stormwater draining from impervious surfaces within the project site would be captured by new curb inlets and routed, by way of new storm drain manholes and 15-,18-, and 24-inch storm drain lines within the project site, to the existing 24- to 36-inch storm drain line in Lyonia Drive. The proposed project's compliance with the SQIP requirements and the City of Galt's Stormwater Management Program would ensure that the proposed project would not substantially alter the existing drainage pattern of the site or area in a manner which would result in substantial erosion or siltation on- or off-site, substantially increasing the rate or amount of surface runoff in a manner which would result in flooding on- or offsite, or creating or contributing runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. Therefore, a ***less-than-significant*** impact would occur.

civ. According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map that includes the subject property, the project site and off-site improvement areas are located in an Area of Minimal Flood Hazard (Zone X).[30] As such, the project would not impede or redirect flood flows or expose people or structures to a significant loss, injury, or death involving flooding. Therefore, the proposed project would result in a ***less-than-significant*** impact.

d. As discussed under question 'civ' above, the proposed development area and off-site improvement areas are not located within a flood hazard zone. Tsunamis are defined as sea waves created by undersea fault movement, whereas a seiche is a long-wavelength, large-scale wave action set up in a closed body of water such as a lake or reservoir. The project site is not located in proximity to a coastline and would not be potentially affected by flooding risks associated with tsunamis. Seiches do not pose a risk to the proposed project, as the project site is not located adjacent to a large, closed body of water. Based on the above, the proposed project would not pose a risk related to the release of pollutants due to project inundation from flooding, tsunami, or seiche zones, and ***no impact*** would occur.

[30] Federal Emergency Management Agency. *Flood Insurance Rate Map 06067C0468J.* Effective October 20, 2016.

XI. LAND USE AND PLANNING. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Physically divide an established community?	☐	☐	✖	☐
b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	✖	☐

Discussion

a. A project risks dividing an established community if the project would introduce infrastructure or alter land use so as to change the land use conditions in the surrounding community, or isolate an existing land use. The proposed project would result in development of 65 single-family residences within the project site. Although the project would include a General Plan Amendment from Low-Density Residential to Medium Density Residential, a NEASP Amendment from R-1-C SP to R2-PD SP, and a Rezone from R1A to R2-PD, the project site has been previously anticipated for residential uses, and the proposed project would not isolate an existing land use. In addition, the proposed project would include a new roadway connecting the stub out of Lyonia Drive (north of Trellis Lane) across parcel 150-0030-012 (which is not part of the project) to the stub of Lyonia Drive to the east, which would improve connectivity in the area. The new connection of Lyonia Drive would include curbs, gutters, and five-foot-wide sidewalks along the roadway. Sidewalks would be located on both sides of the internal roadways and would connect to the existing sidewalks on the east side of East Stockton Boulevard and the north side of Lyonia Drive. Accordingly, the proposed project would provide improved connectivity within the project area. As such, the proposed project would not physically divide an established community, and a ***less-than-significant*** impact would occur.

b. The proposed project would require a General Plan Amendment to change the current General Plan land use designation from Low-Density Residential to Medium Density Residential, a NEASP Amendment from R-1-C, SP to R2-PD, SP; and a Rezone from R1A to R2-PD. The proposed project would generally be consistent with surrounding residential development to the north and south. Additionally, the proposed project would adhere to the General Plan goals, policies, and objectives regarding land use and planning including, but not limited to, Policy LU-1.7 and Policy LU-4.5. Policy LU-1.7 establishes the goal of designating land for development with the needs of the community, while Policy LU-4.5 establishes standards for Medium Density Residential developments. In addition, as discussed throughout this IS/MND, the proposed project would not conflict with any City policies and regulations adopted for the purpose of avoiding or mitigating an environmental effect. For example, as discussed in Section XIII, Noise, of this IS/MND, the proposed project would comply with the City of Galt General Plan Noise Element. Additionally, as discussed in Section IV, Biological Resources, the proposed project would comply with Section 18.52.060, The Cutting and Removal of Heritage Oak and Public Trees, of the City's Municipal Code.

   Based on the above, the project would not cause a significant environmental impact due to conflicts with a land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. Therefore, a ***less-than-significant*** impact would occur.

XII. MINERAL RESOURCES. *Would the project:*		Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a.	Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	✖
b.	Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	✖

Discussion

a,b. Buildout of the City's General Plan has been previously analyzed in the City's General Plan EIR. Impacts to mineral resources were determined to be less than significant during the General Plan EIR scoping stage of the analysis, and further assessment was not performed by the City of Galt. Although the proposed project would involve a General Plan Amendment and Rezone, both the existing and proposed land use and zoning designations would involve residential development, and, thus, would not result in any changes to the analysis provided within the General Plan EIR related to mineral resources. The City of Galt is within the Sacramento County's General Plan area, which analyzes mineral resources within the County. According to the County's General Plan, the mineral zone closest to the project site is located near New Hope Road, approximately 4.39 miles to the southwest.[31] The project site itself is not known to contain mineral resources and the construction of the proposed project would not result in the loss of any known mineral resources. Furthermore, mineral extraction activity on the project site would not be compatible with the existing uses within the site and in the vicinity. Therefore, ***no impact*** to mineral resources would occur.

[31] Sacramento County. *County of Sacramento General Plan Conservation Element* [pg. 15]. Amended September 26, 2017.

XIII. NOISE. *Would the project result in:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	✖	☐	☐
b. Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	✖	☐
c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	✖

Discussion

The following discussion is based on an Environmental Noise Assessment prepared by Saxelby Acoustics (see Appendix F).[32]

a. The following sections present information regarding sensitive noise receptors in proximity to the project site, the existing noise environment, and the potential for the proposed project to result in noise impacts during project construction and operation. The following terms are referenced in the sections below:

- Decibel (dB): A unit of sound energy intensity. An A-weighted decibel (dBA) is a decibel corrected for the variation in frequency response to the typical human ear at commonly encountered noise levels. All references to dB in this analysis are A-weighted unless noted otherwise.
- Average, or equivalent, sound level (L_{eq}): The L_{eq} corresponds to a steady-state A-weighted sound level containing the same total energy as a time varying signal over a given time period (usually one hour).
- Day-Night Average Level (L_{dn}): The average sound level over a 24-hour day, with a +10-decibel weighing applied to noise occurring during nighttime (10:00 PM to 7:00 AM) hours.
- Maximum Sound Level (L_{max}): The maximum sound level over a given time-period.
- Median Sound Level (L_{50}): The sound level exceeded 50 percent of the time over a given time-period.
- Community Noise Equivalent Level (CNEL): The 24-hour average noise level with noise occurring during evening (7:00 PM to 10:00 PM) hours weighted by a factor of three and nighttime hours weighted by a factor of ten prior to averaging.

Sensitive Noise Receptors

Some land uses are considered more sensitive to noise than others, and, thus, are referred to as sensitive noise receptors. Land uses often associated with sensitive noise receptors generally include residences, schools, libraries, hospitals and passive recreational areas. Noise sensitive land uses are typically given special attention in order

[32] Saxelby Acoustics. *Environmental Noise Assessment, Sheffield Subdivision CEQA, City of Galt, California.* May 20, 2025.

to achieve protection from excessive noise. In the vicinity of the project site, sensitive land uses include existing single-family residences located to the north and south of the project site.

Existing Noise Environment

The existing noise environment in the project area is primarily defined by traffic noise produced by SR-99 and East Stockton Boulevard, located immediately west of the project site, as well as Lyonia Drive, located south of the project site.

To quantify the existing ambient noise environment in the project vicinity, Saxelby Acoustics conducted continuous (24-hour) noise level measurement at three different locations within the project site. Noise measurement locations are shown in Figure 14, and a summary of the noise level measurement survey results is provided in Table 7.

Table 7
Summary of Existing Background Noise Measurement Data

Site	Date	L_{dn}	Average Measured Hourly Noise Levels (dBA)					
			Daytime (7 AM to 10 PM)			Nighttime (10 PM to 7 AM)		
			L_{eq}	L_{50}	L_{max}	L_{eq}	L_{50}	L_{max}
LT-1: 50 feet to Centerline of Lyonia Drive	04/23/25	59	56	52	69	51	49	64
LT-2: 185 feet to Centerline of SR-99	04/23/25	73	70	70	81	66	63	77
LT-3: 850 feet to Centerline of SR-99	04/23/25	61	56	55	67	54	53	65

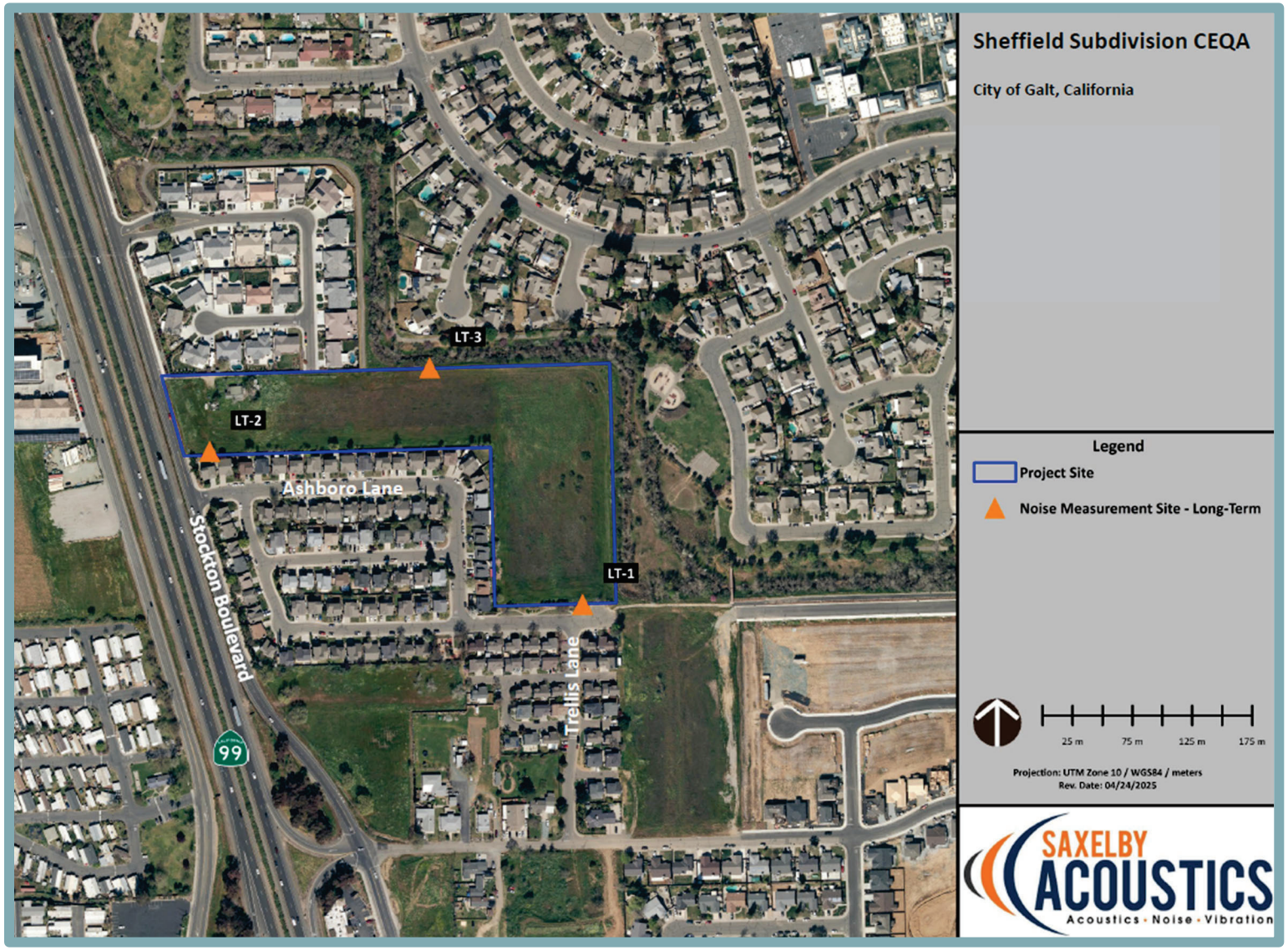
Source: Saxelby Acoustics, 2025.

Standards of Significance

The City of Galt General Plan Noise Element establishes a noise level standard of 60 dB as normally acceptable at residential land uses. Noise levels up to 70 dB are considered conditionally acceptable for residential uses. The City of Galt considers the following significance criteria for noise impacts:

- If the noise level resulting from project operations would exceed the "normally acceptable" range for a given land use where the existing noise level exceeds the normally acceptable range, a 3 dB L_{dn} or greater increase due to a project is considered significant; and
- If the noise level resulting from project operations would exceed the "normally acceptable" range for a given land use where the existing noise level is within the normally acceptable range, a 5 dB L_{dn} or greater increase due to a project is considered significant; and
- If the noise level resulting from project operations would be within the "normally acceptable" range for a given land use, a 10 dB L_{dn} or greater increase due to a project is considered significant.

Figure 14
Noise Measurement Locations



Source: Saxelby Acoustics, 2025.

In addition to General Plan standards noted above, Section 8.40.040 of the City's Municipal Code outlines criteria for "non-transportation" or "locally regulated" noise sources. The noise level performance standards for non-transportation noise in the City of Galt are shown in Table 8.

Table 8
Noise Level Performance Standards for Residential Areas Affected by Non-Transportation Noise

Noise Level Descriptor	Exterior Noise Level Standards, dBA	
	Daytime (7 AM-10 PM)	Nighttime (10 PM-7 AM)
Hourly L_{eq}, dB	50	45
Maximum Level, dB	70	65

Source: City of Galt Municipal Code

Furthermore, as included in the Environmental Noise Assessment, the California Department of Transportation (Caltrans) defines a significant increase due to noise as an increase of 12 dB over existing ambient noise levels; Saxelby Acoustics used this criterion to evaluate increases due to construction noise associated with the proposed project.

Impact Analysis

The following sections provide an analysis of potential noise impacts associated with construction and operation of the proposed project.

Construction Noise

During construction of the proposed project, heavy-duty equipment would be used for grading, excavation, paving, and building construction, which would result in temporary noise level increases. Noise levels would vary depending on the type of equipment used, how the equipment is operated, and how well the equipment is maintained. In addition, noise exposure at any single point outside the project site would vary depending on the proximity of construction activities to that point. Standard construction equipment, such as backhoes, dozers, and dump trucks would be used on-site. The Federal Highway Administration's (FHWA) Roadway Construction Noise Model (RCNM) was used to predict noise levels for standard construction equipment used for roadway improvement projects. The assessment of potential significant noise effects due to construction is based on the standards and procedures described in the Federal Transit Authority (FTA) guidance manual and FHWA's RCNM. Construction noise varies depending on the construction process, type of equipment involved, location of the construction site with respect to sensitive receptors, the schedule proposed to carry out each task (e.g., hours and days of the week), and the duration of the construction work. Table 9 shows the predicted construction noise levels for development of the proposed project.

Based on the information provided in Table 9, Figure 15 shows modeled construction noise levels at sensitive receptors in the project vicinity. A summary of noise level increases at nearby sensitive receptors due to construction activities is included in Table 10. Construction activities would be temporary in nature and are anticipated to occur during normal daytime hours.

Table 9
Construction Equipment Noise Levels for the Proposed Project

Equipment	Quantity	Usage (%)	Maximum, L_{max} (dBA at 50 feet)	Maximum, L_{max} (dBA at 50 feet)
Demolition				
Concrete Saw	1	20	90	83
Excavator	3	40	81	82
Dozer	2	40	82	81
Total				**87**
Site Preparation				
Dozer	3	40	82	83
Tractor/Loader/Backhoe	4	40	84	86
Total				**88**
Grading				
Excavator	2	40	81	80
Grader	1	40	85	81
Dozer	1	40	82	78
Scraper	2	40	84	83
Tractor/Loader/Backhoe	2	40	84	83
Total				**88**
Building Construction				
Crane	1	16	81	73
Fork Lift	3	40	83	84
Generator	1	50	81	78
Tractor/Loader/Backhoe	3	40	84	85
Welder / Torch	1	40	74	70
Total				**88**
Paving				
Paver	2	50	77	77
Paving Equipment	2	50	77	77
Roller	2	20	80	76
Total				**81**
Architectural Coating				
Air Compressor	1	40	79	75
Total				**75**
Linear, Grubbing, and Land Clearing				
Tractor/Loader/Backhoe	1	40	84	80
Excavator	1	40	81	77
Total:				**82**
Linear, Grading, and Excavation				
Tractor/Loader/Backhoe	1	40	84	80
Excavator	3	40	81	82
Grader	1	40	85	81
Roller	1	20	80	73
Front End Loader	1	40	79	75
Scraper	2	40	84	83
Tractor/Loader/Backhoe	2	40	84	83
Total				**89**
Linear, Drainage, Utilities, and Sub-Grade				
Air Compressor	1	40	79	75
Generator	1	50	81	78

(*Continues on next page*)

Table 9
Construction Equipment Noise Levels for the Proposed Project

Equipment	Quantity	Usage (%)	Maximum, L_{max} (dBA at 50 feet)	Maximum, L_{max} (dBA at 50 feet)
Grader	1	40	85	81
Compactor (ground)	1	20	83	76
Pumps	1	50	81	78
Fork Lift	1	40	83	79
Scraper	2	40	84	83
Tractor/Loader/Backhoe	2	40	84	83
Total				**89**
Linear, Paving				
Paver	1	50	77	74
Paving Equipment	1	50	77	74
Roller	3	20	80	78
Tractor/Loader/Backhoe	2	40	84	83
Total				**85**

Source: Saxelby Acoustics, 2025.

Table 10
Construction Noise Level Increases

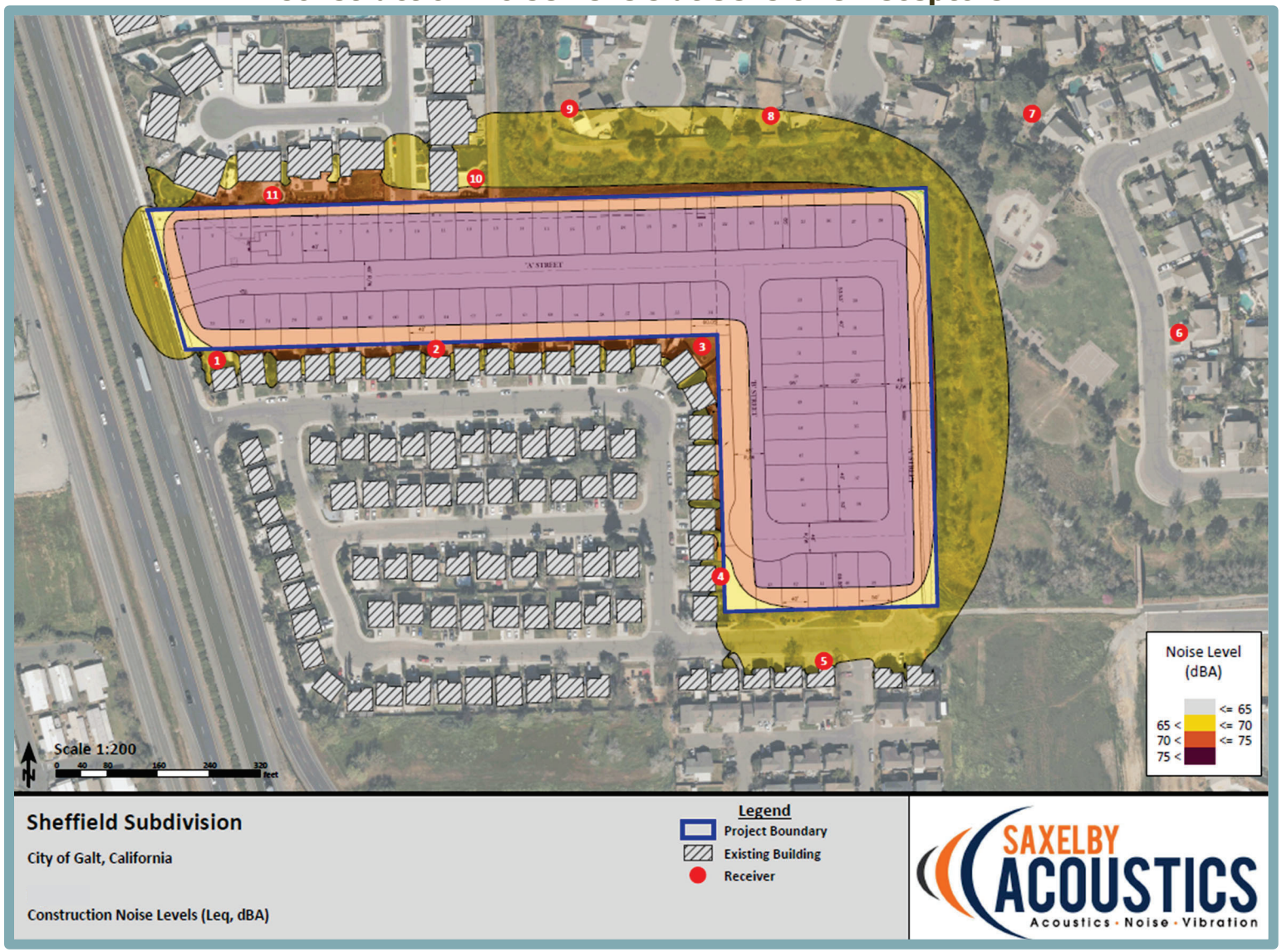
Receptor	Existing Ambient (dB L_{eq})	Construction Noise (dB L_{eq})	Ambient + Construction (dB L_{eq})	Difference (dB L_{eq})	Exceeds 12 dB?
1	70.1	69.6	72.8	2.7	No
2	56.3	71.4	71.5	15.2	Yes
3	56.3	71.7	71.8	15.5	Yes
4	55.6	66.9	67.2	11.6	No
5	55.6	66.1	66.5	10.9	No
6	55.6	59.1	60.7	5.1	No
7	56.3	60.6	62.0	5.7	No
8	56.3	65.3	65.8	9.5	No
9	56.3	64.9	65.5	9.2	No
10	56.3	69.2	69.4	13.1	Yes
11	70.1	71.2	73.7	3.6	No

Source: Saxelby Acoustics, 2025.

According to the Environmental Noise Assessment, sensitive receptors along the northern and southern boundaries of the project site would be exposed to noise levels in excess of the Caltrans significance criteria of a 12 dB increase above ambient levels during construction of the proposed project. To minimize potential impacts of construction noise on nearby sensitive receptors, Saxelby Acoustics recommends the incorporation of temporary sound barriers in the project vicinity (see Figure 16).

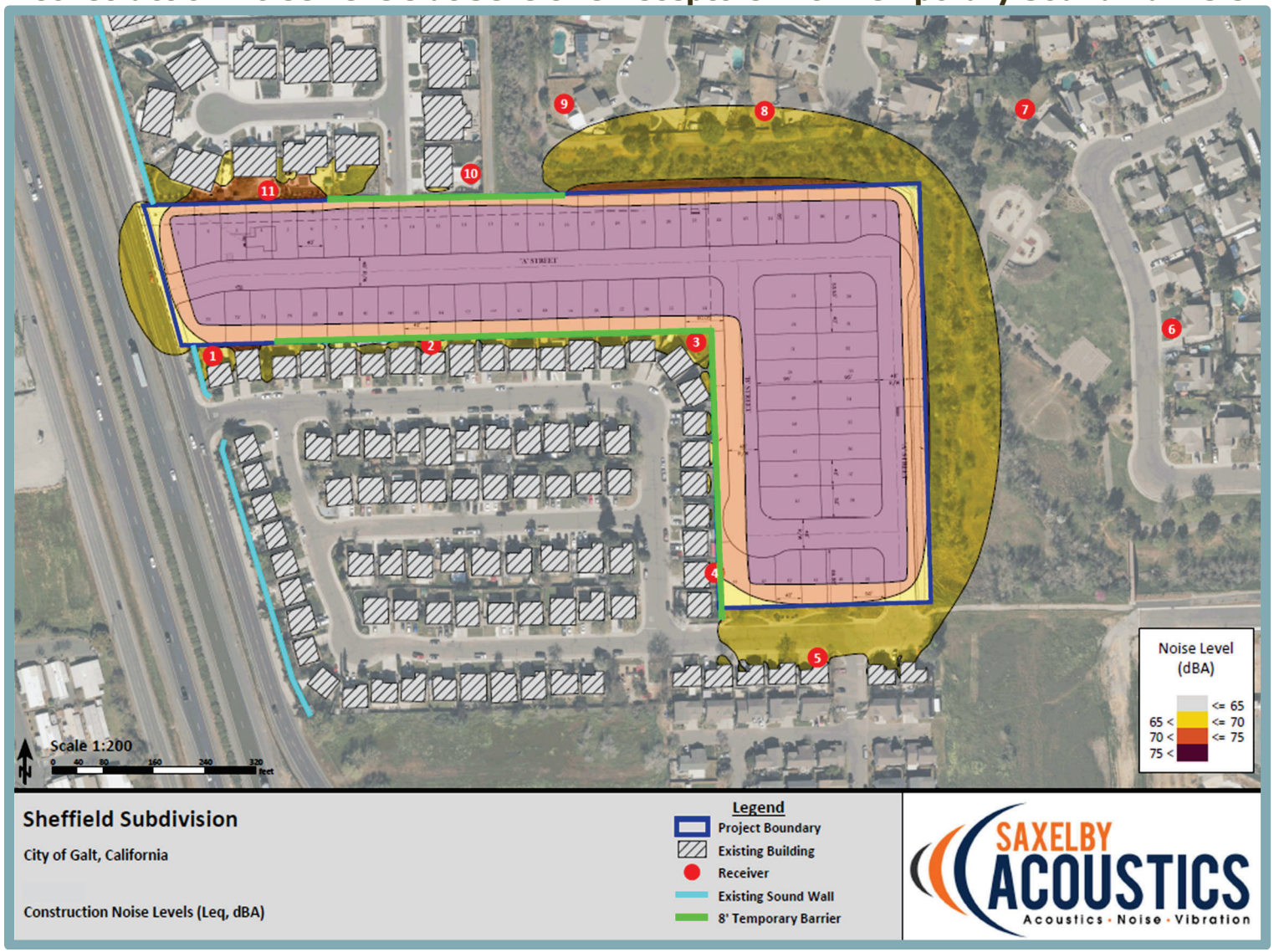
As shown in Table 11, following the incorporation of temporary sound barriers, construction noise level increases at nearby sensitive receptors would be less than 12 dB above ambient levels. Therefore, without the incorporation of temporary sound barriers, a significant impact would occur associated with construction noise.

Figure 15
Construction Noise Levels at Sensitive Receptors



Source: Saxelby Acoustics, 2025.

Figure 16
Construction Noise Levels at Sensitive Receptors with Temporary Sound Barriers



Source: Saxelby Acoustics, 2025

Table 11
Construction Noise Level Increases After Mitigation

Receptor	Existing Ambient (dB L_{eq})	Construction Noise (dB L_{eq})	Ambient + Construction (dB L_{eq})	Difference (dB L_{eq})	Exceeds 12 dB?
1	70.1	69.6	72.8	2.7	No
2	56.3	65.4	65.9	9.6	No
3	56.3	66.5	66.9	10.6	No
4	55.6	63.3	64.0	8.4	No
5	55.6	65.9	66.3	10.7	No
6	55.6	59.0	60.6	5.0	No
7	56.3	60.5	61.9	5.6	No
8	56.3	65.2	65.7	9.4	No
9	56.3	63.3	64.1	7.8	No
10	56.3	63.3	64.1	7.8	No
11	70.1	71.1	73.6	3.5	No

Source: Saxelby Acoustics, 2025.

Noise would also be generated during the construction phase by increased truck traffic on area roadways. A project-generated noise source would be truck traffic associated with transport of heavy materials and equipment to and from the construction site. Noise increases from truck traffic related to the movement of material would be of short duration, and would likely occur primarily during daytime hours.

The City of Galt establishes permissible hours of construction in Section 8.40.060(E) and (F) of the Municipal Code. The ordinance restricts noise-producing construction activities to weekday hours between 6:00 AM and 8:00 PM Monday through Friday, and from 7:00 AM to 8:00 PM on Saturdays and Sundays. During the permissible hours, construction activities are conditionally exempt from the standards established by Section 8.40.040(A) of the City's Municipal Code

Although construction activities are temporary in nature and would likely occur during normal daytime working hours, construction-related noise could result in sleep interference at existing noise-sensitive land uses in the vicinity of the project if construction activities do not adhere to the requirements of the City of Galt Noise Ordinance with respect to hours of operation, muffling of internal combustion engines, and other factors that affect construction noise generation and the associated effects on noise-sensitive land uses. Therefore, impacts resulting in the generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance could be considered significant.

Operational Noise

According to the Environmental Noise Assessment, operation of the proposed project would include typical residential noise, which would be compatible with the adjacent existing residential uses. The proposed project is not anticipated to contribute a measurable operational noise level increase to the existing ambient noise environment at any sensitive receptor locations. Therefore, a less-than-significant impact would occur with regard to on-site operational noise.

Operations associated with the proposed project would generate noise associated with vehicle traffic on local roadways. Based upon the Federal Interagency Committee on Noise (FICON) criteria, where existing traffic noise levels are greater than 65 dBA L_{dn}, at the outdoor activity areas of noise-sensitive uses, a 1.5 dBA L_{dn} increase in roadway noise levels is considered significant. Where traffic noise levels are between 60 dBA L_{dn} and 65 dBA L_{dn}, a 3.0 dB L_{dn} increase in roadway noise levels is considered significant. Where traffic noise levels are less than 60 dBA L_{dn}, a 5.0 dB L_{dn} increase in roadway noise levels is considered significant. As shown in Table 12, the predicted change in noise levels due to project-generated traffic noise along Trellis Lane is 1.8 dBA. Based on the existing noise levels of 47.7 dBA L_{dn}, an increase of 5.0 dBA would be considered significant. The increase in noise levels along Stockton Boulevard would be 0.4 dBA, which is less than the minimum threshold of 1.5 dBA. The proposed project would not generate traffic noise in excess of the minimum thresholds established by the FICON criteria. Therefore, traffic-related noise generated from buildout of the proposed project would result in a less-than-significant impact.

Table 12
Project-Related Traffic Noise Level Increases

Roadway	Existing No Project (L_{dn} dBA)	Existing + Project (L_{dn} dBA)	Change
Trellis Lane	47.7	49.5	1.8
Stockton Boulevard	60.4	60.8	0.4

Source: Saxelby Acoustics, 2025.

Transportation Noise at Proposed Sensitive Receptors

It should be noted that impacts of the environment on a project (as opposed to impacts of a project on the environment) are beyond the scope of required CEQA review. "[T]he purpose of an EIR is to identify the significant effects of a project on the environment, not the significant effects of the environment on the project." (*Ballona Wetlands Land Trust v. City of Los Angeles,* (2011) 201 Cal.App.4th 455, 473 (*Ballona*).) The California Supreme Court recently held that "CEQA does not generally require an agency to consider the effects of existing environmental conditions on a proposed project's future users or residents. What CEQA does mandate… is an analysis of how a project might exacerbate existing environmental hazards." (*California Building Industry Assn. v. Bay Area Air Quality Management Dist.* (2015) 62 Cal.4th 369, 392; see also *Mission Bay Alliance v. Office of Community Investment & Infrastructure* (2016) 6 Cal.App.5th 160, 197 ["identifying the effects on the project and its users of locating the project in a particular environmental setting is neither consistent with CEQA's legislative purpose nor required by the CEQA statutes"], quoting *Ballona*, *supra*, 201 Cal.App.4th at p. 474.).

Based on the above, for the purposes of the CEQA analysis, the relevant inquiry is not whether residents at the proposed single-family homes would be exposed to pre-existing environmental noise-related hazards, but instead whether project-generated noise could exacerbate the pre-existing conditions. Although the analysis of a project's existing noise environment is not required for CEQA purposes, such analysis is included in this document for compliance with applicable General Plan standards.

The western boundary of the site is located approximately 80 feet from SR 99. As shown in Figure 17 the proposed project would be exposed to exterior noise levels of up to 74 dBA L_{eq} at outdoor activity areas. Residential uses are considered normally acceptable in

ambient noise environments up to 60 dBA L_{dn}, and conditionally acceptable in noise environments up to 70 dBA L_{dn}. Therefore, a noise level of 74 dBA L_{eq} would exceed the normally unacceptable range.

In addition, the City of Galt requires interior noise levels at residential uses to be 45 dB L_{dn} or less. Modern building construction methods typically yield an exterior-to-interior noise level reduction of 25 dBA. Therefore, where exterior noise levels are 70 dBA L_{eq} or less, additional interior noise control measures are typically not required. Based on this assumption, interior noise levels at first floors would be 44 dBA L_{dn} and noise levels at second floors would be 45 dBA L_{dn}. Noise levels at the first floor would comply with the City's 45 dBA L_{dn} interior noise level standard, but second floor noise levels would exceed this standard. Therefore, additional acoustic upgrades would be required.

In order to ensure that the proposed project would comply with the City's noise level standards, the following condition of project approval is recommended:

> Prior to approval of project improvement plans, the plans for the proposed project shall show that the first-row lots closest to SR 99 would be shielded using a 10-foot-tall masonry sound wall per the approval of the City Engineer. The approximate location of the 10-foot-tall wall is shown in Figure 18 below. Other types of barriers may be employed but shall be reviewed by an acoustical engineer prior to being constructed. Sound wall heights are assumed to be relative to building pad elevations and may be achieved through use of earthen berm and wall combinations. Additionally, second floor windows at the northern, southern, and western facades of the first row of residences along the SR 99 shall have a minimum sound transmission class (STC) rating of 34. Alternatively, an interior noise analysis shall be prepared by a qualified acoustic engineer outlining the measures required to meet the City's 45 dBA L_{dn} interior noise standard, especially at unshielded second floor facades along SR 99.

Conclusion

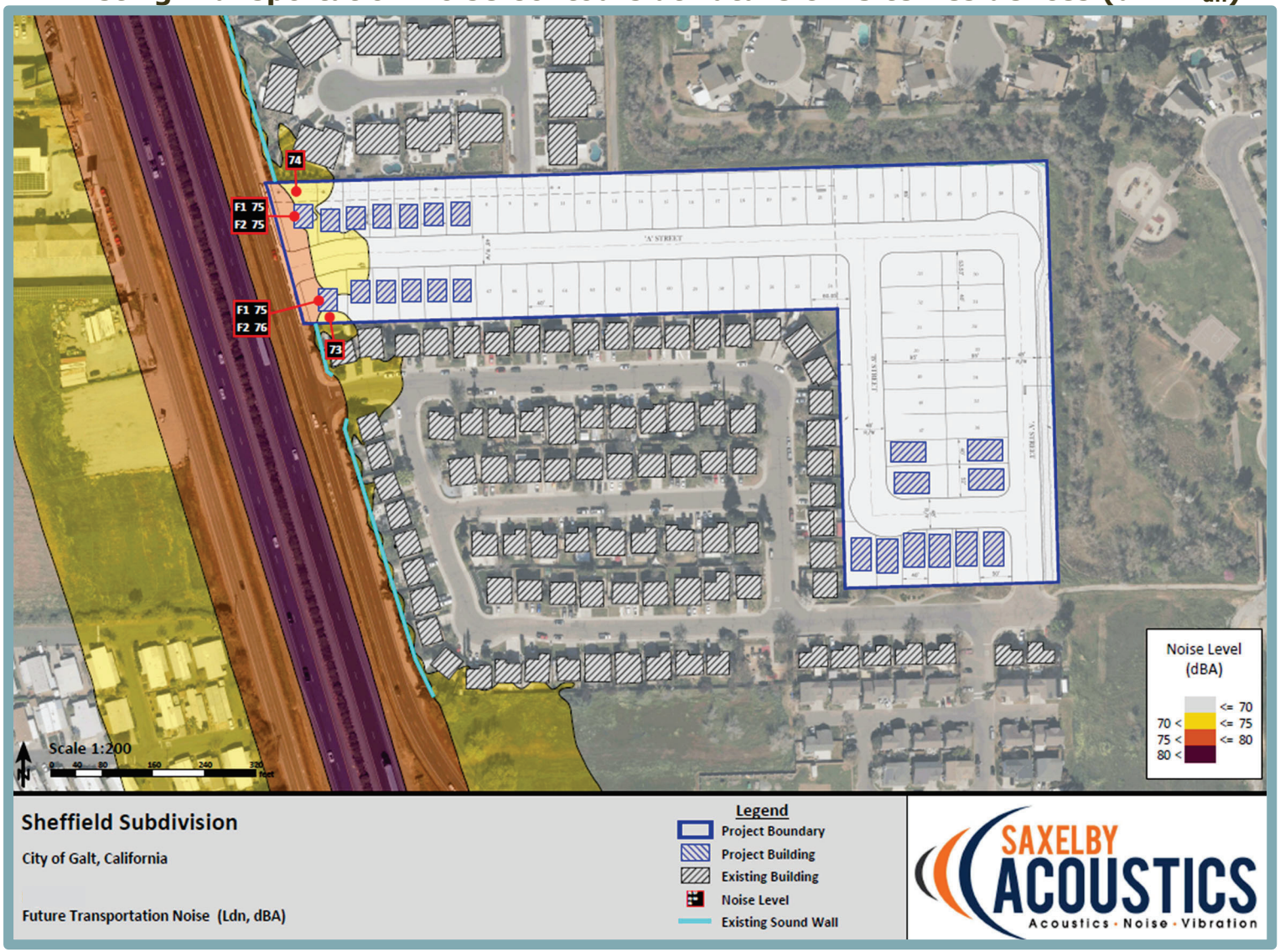
Based on the above, operation of the proposed project would not result in the generation of a substantial permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the City's General Plan and the Municipal Code. However, construction noise could result in a significant impact, should activities not adhere to the requirements of the City of Galt Noise Ordinance. Therefore, considering the potential for construction noise to increase noise levels in the project area in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies, a ***potentially significant*** impact could occur.

Mitigation Measure(s)

Implementation of the following mitigation measures would reduce the above potential impact to a *less-than-significant* level.

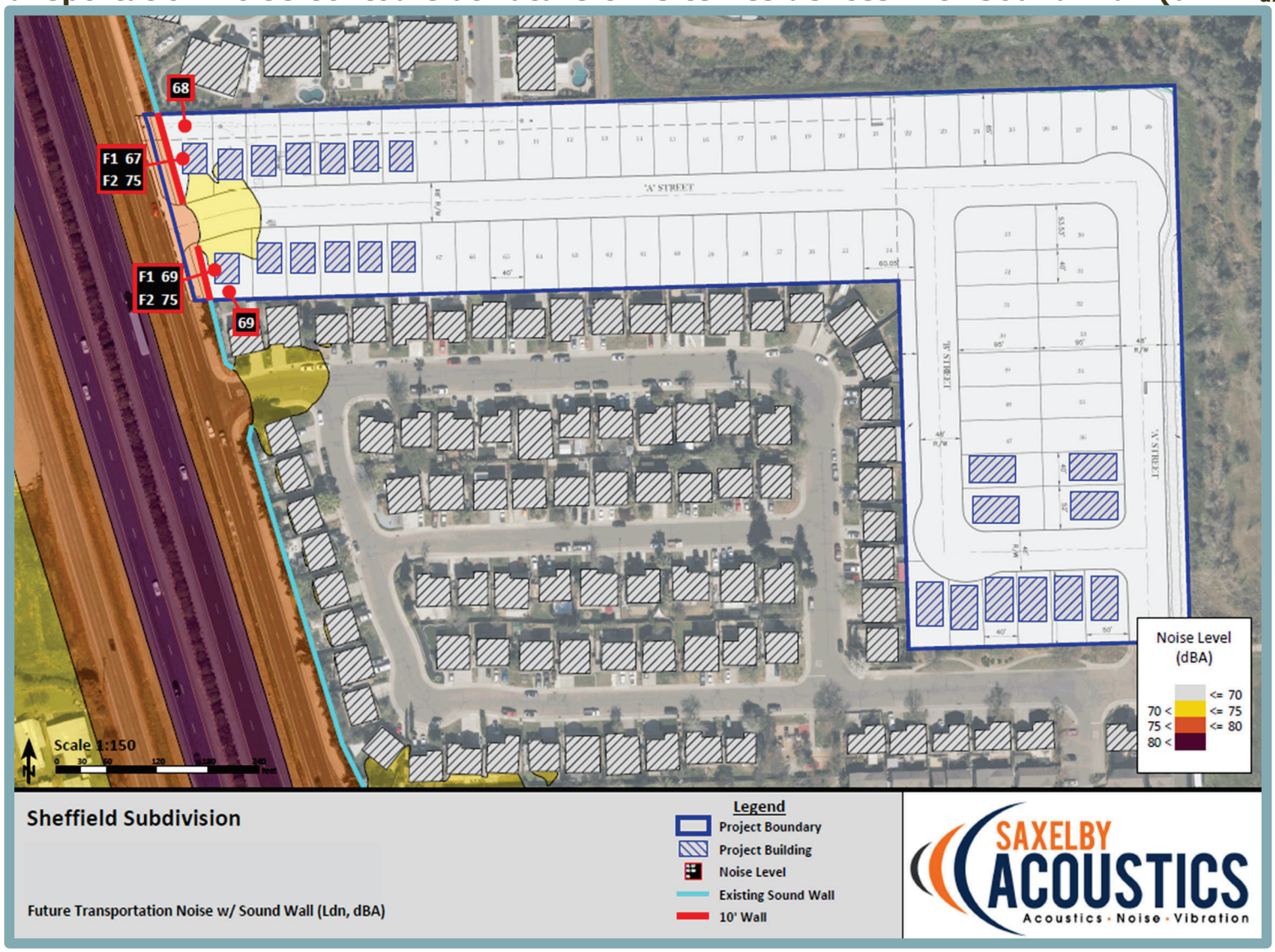
XIII-1. The proposed project shall incorporate the use of 8-foot-tall temporary sound barriers at the locations shown in Figure 16 of this IS/MND. The sound barrier fencing should consist of ½" plywood or minimum STC 27 sound curtains placed to shield nearby sensitive receptors. The plywood barrier should be free from gaps, openings, or penetrations to ensure maximum performance.

Figure 17
Existing Transportation Noise Contours at Future On-Site Residences (dBA L_{dn})



Source: Saxelby Acoustics, 2025.

Figure 18
Transportation Noise Contours at Future On-Site Residences with Sound Wall (dBA L_{dn})



Source: Saxelby Acoustics, 2025.

Prior to issuance of grading permits, these criteria shall be included in the grading plan submitted by the applicant/developer for the review and approval of the Public Works Department.

XIII-2 Construction activities shall comply with the City of Galt Noise Ordinance and shall be limited to the hours set forth below:

Monday-Friday	*6:00 AM to 8:00 PM*
Saturday and Sunday	*7:00 AM to 8:00 PM*

The above criteria shall be included in the grading plan submitted by the applicant/developer for review and approval of the Public Works Department prior to issuance of grading permits. Exceptions to allow expanded construction activities shall be reviewed on a case-by-case basis as determined by the Chief Building Official and/or City Engineer.

XIII-3. Construction activities shall adhere to the requirements of the City of Galt with respect to hours of operation, muffling of internal combustion engines, and other factors that affect construction noise generation and the associated effects on noise-sensitive land uses. Prior to issuance of grading permits, these criteria shall be included in the grading plan submitted by the applicant/developer for the review and approval of the Public Works Department.

XIII-4. During construction, the applicant/developer shall designate a disturbance coordinator and conspicuously post the person's number around the project site and in adjacent public spaces. The disturbance coordinator will receive all public complaints about construction noise disturbances and will be responsible for determining the cause of the complaint, and implement feasible measures to be taken to alleviate the problem. The disturbance coordinator shall report all complaints and corrective measures taken to the Community Development Director.

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

Vibration is measured in terms of acceleration, velocity, or displacement. A common practice is to monitor vibration in terms of peak particle velocities (PPV) in inches per second (in/sec). Standards pertaining to perception as well as damage to structures have been developed for vibration levels defined in terms of PPV. Human and structural response to different vibration levels is influenced by a number of factors, including ground type, distance between source and receptor, duration, and the number of perceived vibration events. Table 13, which was developed by Caltrans, shows the vibration levels that would normally be required to result in damage to structures.

Table 13
Effects of Vibration on People and Buildings

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

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

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

The primary vibration-generating activities associated with the proposed project would occur during construction when activities such as grading, utilities placement, and paving occur. Table 14 shows the typical vibration levels produced by construction equipment at various distances. The most substantial source of groundborne vibrations associated with project construction would be the use of vibratory compactors. Use of vibratory compactors/rollers could be required during construction of the proposed roadways.

Based on Table 14, construction vibration levels anticipated for the project would be less than the 0.2 in/sec threshold at distances of 26 feet or more. As previously discussed the nearest sensitive receptors are located approximately 15 feet to the north of the project site boundaries. However, sensitive receptors that could be impacted by construction-related vibrations, especially vibratory compactors/rollers, are located approximately 26 feet, or further, from the locations where project site construction would occur.

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

Table 14
Vibration Levels for Various Construction Equipment

Type of Equipment	PPV at 25 feet (in/sec)	PPV at 50 feet (in/sec)	PPV at 100 feet (in/sec)
Large Bulldozer	0.089	0.031	0.011
Loaded Trucks	0.076	0.027	0.01
Small Bulldozer	0.003	0.001	0.00
Auger/drill Rigs	0.089	0.031	0.011
Jackhammer	0.035	0.012	0.004
Vibratory Hammer	0.070	0.025	0.009
Vibratory Compactor/roller	0.210 (less than 0.20 at 26 feet)	0.074	0.026

Source: Saxelby Acoustics, 2025.

Although noise and vibration associated with the construction phases of the project would add to the vibration environment in the immediate project vicinity, construction activities would be temporary in nature and are anticipated to occur during normal daytime working hours, consistent with Section 8.40.060 of the City's Municipal Code. Thus, construction vibrations are not anticipated to exceed acceptable levels.

Based on the above, the proposed project would not expose people to or generate excessive groundborne vibration or groundborne noise levels in the vicinity of the project in excess of standards established in the City's General Plan and the Municipal Code. Therefore, a ***less-than-significant*** impact could occur.

c. The nearest airport to the project site is the Bottimore Ranch Airport-65CN, which is located approximately 3.15 miles northeast of the project site. The site is not covered by an existing airport land use plan. Given that the project site is not located within two miles of a public or private airport, the proposed project would not expose people residing or working in the project area to excessive noise levels associated with airports. Thus, ***no impact*** would occur.

XIV. POPULATION AND HOUSING. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (e.g., through projects in an undeveloped area or extension of major infrastructure)?	☐	☐	✖	☐
b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	✖	☐

Discussion

a. The proposed project would include the development of 65 single-family residential units on 9.5 acres. Using the City of Galt average persons per household value for single-family uses of 3.24, the proposed project's addition of 65 single-family residences would result in approximately 210 new residents, assuming all residents of the proposed project are new to the City.[33] In comparison, the General Plan EIR analyzed buildout of the site pursuant to the existing General Plan land use designation, which would involve an average density of six du/ac and approximately 185 new residents (57 units x 3.24 = 184.86). While the proposed project would exceed the maximum density anticipated for the project site by the General Plan, an increase in population of 26 people beyond what was anticipated for buildout of the site in the General Plan EIR would not be considered a substantial increase in population growth.

In addition, based on the 2020 Census, the Department of Finance estimates the 2021 population of Galt to be approximately 25,469.[34] The increase in population associated with the proposed project would constitute an approximately 0.001 percent increase in the City's total population. A 0.001 percent increase in population would not be considered substantial growth. Furthermore, as discussed in Section XIX, Utilities and Service Systems, of this IS/MND, adequate utility infrastructure would be available to support the proposed project.

As a result, the project would have a ***less-than-significant*** impact with respect to substantial unplanned population growth in an area, either directly or indirectly.

b. The proposed project would require demolition of the existing on-site single-family residential unit. However, the existing on-site residence is currently vacant; therefore, existing people would not be displaced by the proposed project. As such, the removal of the single-family unit would not be considered to result in the displacement of a substantial number of existing people or housing. In addition, although one residence would be removed from the City's housing stock, the proposed project would involve the construction of 65 new residences in the future. As such, the proposed project would not displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere, and a ***less-than-significant*** impact would occur.

---

33 City of Galt. *City of Galt 2021-2021 Housing Element Existing Conditions Report* [pg. 7-20]. May 2022.

34 California Department of Finance. *E-5 Population and Housing Estimates for Cities, Counties, and the State, January 2021-2022, with 2020 Benchmark.* Available at: https://dof.ca.gov/forecasting/demographics/estimates/estimates-e5-2010-2021/. Accessed June 2025.

XV. PUBLIC SERVICES.

Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Fire protection?	☐	☐	✖	☐
b. Police protection?	☐	☐	✖	☐
c. Schools?	☐	☐	✖	☐
d. Parks?	☐	☐	✖	☐
e. Other Public Facilities?	☐	☐	✖	☐

Discussion

a. The proposed project would include development of 65 single-family residences. The Cosumnes Community Services District Fire Department (CCSDFD) would provide fire protection services to the proposed project. The CCSDFD operates nine fire stations to serve the cities of Galt and Elk Grove, as well as areas of unincorporated Sacramento County covering a total of approximately 157 square miles. The CCSDFD currently staffs 222 personnel which includes an operations branch, and administration branch, and the Office of the Fire Chief. Two fire stations are located in the City of Galt: Fire Station 45 at 229 5th Street and Fire Station 46 at 1050 Walnut Avenue. Fire Station 45 is located approximately 1.7 miles south of the project site, and Fire Station 46 is located approximately 1.2 miles northeast.[35]

The increase in the overall demand for fire protection services associated with buildout the City of Galt has been previously anticipated by the City and analyzed in the Galt 2030 General Plan EIR. The General Plan EIR found that buildout of the General Plan would increase the need for fire protection services and result in a significant and unavoidable impact. The CCSDFPD 2022-2027 Strategic Plan details how the CCSDFPD will prioritize services and establish timelines to meet the community's needs.[36] Implementation of the CCSDFPD Strategic Plan would ensure that the CCSDFD has adequate facilities and operations capacity to support buildout of the General Plan.

Additionally, any development within the project site would be required to adhere to Chapter 15.28, the Fire Code, of the City's Municipal Code, which requires that projects install a fire sprinkler system and adhere to all fire protection codes established by the CCSDFD. The above features would reduce the risk of fire at the project site, and, thus reduce the potential for the project to increase demand beyond that planned for the area. In addition, pursuant to Section 15.21.070 of the Galt Municipal Code, the project applicant would be required to pay all applicable fees, including a development impact fee. The payment of fees would ensure that adequate fire protection services would be available to serve the proposed project, and the proposed project would not require the construction of new or physically altered fire or police protection facilities, the construction of which could cause an environmental impact.

[35] Consumnes Fire Department. *Fire Department by the Numbers.* Available at: https://www.cosumnescsd.gov/1359/Fire. Accessed August 2025.

[36] Cosumnes Community Services Department. *Fire Department Strategic Plan 2022-2027.* Adopted 2022.

Furthermore, the project site was anticipated for residential development under the existing Low-Density Residential land use designation. While the proposed General Plan Amendment from Low-Density Residential to Medium Density Residential would increase the residential density at the project site, the proposed project would result in a 0.001 percent increase in the City's total population, which would not generate a substantially increased demand on fire services relative to what was analyzed in the General Plan EIR. In addition, the project site is surrounded by residential uses, which are already serviced by the CCSDFD. The City also requires, as a condition of approval, that new development projects annex into a Community Facilities District (CFD) for public facilities and services, which would further ensure that the proposed project would not result in impacts associated with fire protection services.

Given that the project site has been anticipated for urban development, the increase in fire protection services has been analyzed in the City's General Plan EIR. Thus, the proposed project would result in a ***less-than-significant*** impact.

b. The project site is located within the jurisdiction of the Galt Police Department (GPD). The GPD employs 38 sworn officers and 16 civilian staff, as well as several volunteers. The nearest GPD station to the project site is located at 455 Industrial Drive, approximately 1.1 miles southwest of the project site.[37]

The Galt 2030 General Plan EIR determined that the increased cost to maintain equipment and facilities and to train and equip personnel would be offset through the increased revenue and fees generated by increased development. The applicant for the proposed project would be required to pay all applicable fees, including a development impact fee and public safety fee. Furthermore, the project site was anticipated for residential development under the existing Low-Density Residential land use designation. Despite the proposed General Plan Amendment from Low-Density Residential to Medium Density Residential, the proposed project result in a 0.001 percent increase in the City's total population, which would not generate a substantially increased demand on police protection services relative to what was analyzed in the General Plan EIR.

Given that the project site has been anticipated for urban development, the increase in police protection services associated with buildout of the project site has been analyzed in the City's General Plan EIR. Furthermore, the City of Galt General Plan includes the Public Facilities and Services Element to establish goals and policies for the City. The General Plan ensures that emergency response equipment and personnel training are adequate to follow the procedures contained within the City's Emergency Operations Plan. In addition, as discussed above, the City requires, as a condition of approval, that new development projects annex into a CFD for public facilities and services, which would further ensure that the proposed project would not result in impacts associated with police protection services. Therefore, the proposed project would not result in the need for new or physically altered police protection facilities, the construction of which could cause an environmental impact, and a ***less-than-significant*** impact would occur.

c. The project site is served by the Galt Joint Union Elementary School District (GJUESD) which operates middle and elementary schools within the City, as well as the Galt Joint Union High School District (GJUHSD) which operates the high schools. According to the

[37] City of Galt. *Galt Police Department.* Available at: https://www.cityofgalt.org/government/police-department. Accessed August 2025.

Galt 2030 General Plan Existing Conditions, Galt High School and GJUESD were exceeding capacity; however, funding for school facilities is provided through State and local revenue sources, and recent discussions with the GJUESD have indicated that the existing schools in the project area are not at capacity. The proposed residences within the project site would be anticipated to generate new students. While the proposed General Plan Amendment from Low-Density Residential to Medium Density Residential would increase the residential density at the project site, the proposed project would result in a 0.001 percent increase in the City's total population, which would not result in a substantial increase in new students relative to what was analyzed in the General Plan EIR.

Funding for new school construction is provided through State and local revenue sources. SB 50 (Chapter 407, Statutes of 1998) governs the amount of fees that can be levied against new development. Payment of fees authorized by the statute is deemed "full and complete mitigation." Such fees would be used in combination with State and other funds to construct new schools. The project applicant would be required to pay development impact fees in order to fund new facilities. The payment of development impact fees would be sufficient to ensure adequate school capacity is provided and a ***less-than-significant*** impact would occur.

d. Using an average persons per household value of 3.24 per residential unit, the proposed project would generate a population of 210persons. The 2030 Galt General Plan requires five acres of parkland per 1,000 residents; therefore, the project would be required to provide 0.925-acre of parkland. The applicant has not provided a parkland dedication as part of the proposed project. Thus, the proposed project would be subject to compliance with Section 18.64.080B of Galt's Municipal Code, which requires the applicant to pay a fee in-lieu of land dedication or include parkland in the proposed development. Payment of in-lieu fees would be considered sufficient to ensure that adequate public parkland is provided for future residents, and a ***less-than-significant*** impact would occur.

e. The Galt 2030 General Plan anticipates increased demand for public facilities with growth in the City of Galt. The project site is currently designated for residential uses. Implementation of the proposed project would result in an increase in demand for public and governmental facilities through the development of new residences. However, an increase of 26 residents beyond what was anticipated for buildout of the project site in the General Plan EIR would not be expected to result in the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service for any other public services. Considering the existence of public and governmental facilities within the City, the proposed project would not be anticipated to result in the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service for any other public services. Therefore, a ***less-than-significant*** impact would occur.

XVI. RECREATION. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	✖	☐
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	✖	☐

Discussion

a,b. As discussed in Section XIV, Population and Housing, of this IS/MND, the proposed project would include 65 single-family residences, housing approximately 210 persons. Thus, an increase in demand on recreational facilities would occur. Section 18.64.080B of Galt's Municipal Code requires developments that include subdivision of land to either dedicate parkland or pay in-lieu fees. As discussed in Section XV, Public Services, of this IS/MND, the 2030 Galt General Plan requires five acres of parkland per 1,000 residents; therefore, the project would be required to dedicate at least 1.045 acres of parkland. Because the proposed project would not include the dedication of parkland, the project would be subject to the payment of in-lieu park fees, which would be used to fund park facilities throughout the City. The payment of such fees would ensure that adequate parkland be provided with the City, and existing recreational facilities would not experience impacts due to increased population growth. Thus, the proposed project would result in a ***less-than-significant*** impact related to recreational facilities.

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

Discussion

a. LOS is still currently used by the City of Galt for purposes of determining consistency with adopted General Plan goals and policies related to LOS. However, the law has changed with respect to how transportation-related impacts may be addressed under CEQA. Therefore, pursuant to SB 743, VMT is the most appropriate measure of transportation impacts, and LOS is not used for determining significant impacts under CEQA.

Please refer to Question "b" for a discussion of VMT.

Project Trip Generation

The following is based on a Transportation Impacts Memorandum (TIM) prepared for the proposed project conducted by GHD (see Appendix G).[38]

In order to determine the potential impact on surrounding roadways by increased vehicle trips associated with operation of the proposed project the TIM estimated weekday AM, PM, and daily trip generation forecasts for the proposed project. As shown in Table 15, implementation of the proposed project would be expected to result in 51 trips occurring during the AM peak hour and 55 trips occurring during the PM peak hour, with approximately 566 daily trips.

Table 15
Weekday Project Trip Generation Rates and Estimates

Daily Trip Rate	Daily Trips	AM Peak Hour				PM Peak Hour			
		Rate	Entering	Exiting	Total	Rate	Entering	Exiting	Total
8.70	**566**	0.79	15	36	**51**	0.85	33	22	**55**

Source: GHD, 2025.

Pedestrian, Bicycle, and Transit Facilities

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

Pedestrian Facilities

Pedestrian facilities are comprised of crosswalks, sidewalks, pedestrian signals, and off-street paths, which provide safe and convenient routes for pedestrians to access destinations such as institutions, businesses, public transportation, and recreation

[38] GHD. *Sheffield Trip Generation Assessment for Potential VMT Impacts*. June 6, 2025.

facilities. According to GHD, existing pedestrian facilities in the project site vicinity include sidewalks along either side of Lyonia Drive along the southern boundary of the project site, as well as a pedestrian path that begins east of the project site at Cedar Flat Avenue and continues parallel to the eastern and northern sides of the project site, connecting to other pedestrian paths in Canyon Creek Park to the east, and to Emerald Vista Park north. Additionally, an existing extension of the pedestrian system begins at Parkridge Drive, and continues along the perimeter of the existing housing development north of the project site. A pedestrian bridge exists crossing the creek where Lyonia Drive ends, connecting to the two pathways.

The proposed project would include construction of sidewalks on both sides of the proposed internal roadway network. The proposed sidewalks within the project site would also connect to the existing sidewalks located on the east side of East Stockton Boulevard and the north side of Lyonia Drive. All new sidewalks would be required to comply with the Americans with Disabilities Act (ADA) and would conform to the existing pedestrian network in the project vicinity. The proposed sidewalks would also be consistent with General Plan Policy C-6.1, which requires that the City establishes safe and interconnected pedestrian networks. In addition, a new 10- to 14-foot-wide extension of South Deadman's Gulch Trail would be located along the northern and eastern property boundaries between the proposed development and Deadman's Gulch. The multi-use trail would include three-foot-tall retaining walls on either side and a six-foot tall open view fence between the south side of the trail and the proposed residences. The multi-use trail would connect the existing multi-use trail north of the project site and the existing stub of Lyonia Drive, south of the project site. As such, with implementation of the foregoing improvements, the proposed project would improve pedestrian connectivity in the area and impacts related to pedestrian facilities would not occur.

Bicycle Facilities

The City of Galt maintains three classes of commuter bikeways (Class I, Class II, and Class III). The City's Bicycle Transportation Plan proposes a number of new Class I, II, and III bikeways to create a citywide trail system. According to GHD, Class II bikeways are located on both sides of East Stockton Boulevard in the site vicinity. A Class I bikeway begins east of the project site at Cedar Flat Avenue and continues offset from the eastern and northern sides of the project site, connecting to other Class I bikeway in Canyon Creek Park to the east, and to Emerald Vista Park north. Additionally, an existing extension of the Class I bikeway begins at Parkridge Drive, and continues along the perimeter of the existing housing development north of the project site. As part of proposed project development, the Class I path will be extended as a multi-use trail east-west along the northern boundary of the project site then extend south along the eastern project boundary to Lyonia Drive. In addition to the Canyon Creek Park bikeway, the proposed residents would have access to the new multi-use trail included in the proposed project. As discussed above, the proposed trail would be located along the northern and eastern property boundaries between the proposed development and Deadman's Gulch and would connect the existing multi-use trail north of the project site and the existing stub of Lyonia Drive, south of the project site. Furthermore, while most of the residential roadways surrounding the subject property do not include designated bicycle lanes, the streets are of sufficient width and have slow speed limits, making the roadways relatively bikeable. Development of the proposed project would not preclude construction of any planned bicycle facilities, and the proposed project would not result in the creation of a conflict with

any adopted programs, plans, ordinances, or policies addressing bicycle facilities. Thus, a less-than-significant impact would occur related to bicycle facilities.

Transit Services and Facilities

The City and County jointly plan, manage, and fund local transit service which is guided by the regular update of the Short-Range Transit Plan. The current contract transit operator, Community Transportation Agency, Inc., in the City of Galt operates South County Transit (SCT) Link. SCT provides fixed routes in the SR 99 and Delta area service, as well as door-to-door Dial-A-Ride service in Galt. The nearest stop to the project site for both the SR 99 and Delta routes is at the intersection of Twin Cities Road and Fermoy Way, which is approximately 1.4 miles north of the project site. Given that the proposed project would follow all applicable policies established in the General Plan and the proposed project would not substantially increase the number of average trips anticipated by the City, existing transit services and facilities are anticipated to have sufficient capacity to accommodate potential transit users associated with the proposed project. Thus, a less-than-significant impact would occur related to transit services and facilities.

Conclusion

Based on the above, adequate transit, roadway, bicycle, and pedestrian facilities would be available for the proposed project and the project would not conflict with any existing or planned transportation facilities in the project vicinity. Therefore, a ***less-than-significant*** impact would occur.

b. Section 15064.3 of the CEQA Guidelines provides specific considerations for evaluating a project's transportation impacts. Pursuant to Section 15064.3, analysis of VMT attributable to a project is the most appropriate measure of transportation impacts. However, the City has not yet established any standards or thresholds regarding VMT.

Pursuant to Section 15064.3(3), a lead agency may analyze a project's VMT qualitatively based on the availability of transit, proximity to destinations, etc. While changes to driving conditions that increase LOS times are an important consideration for traffic operations and management, the method of analysis does not fully describe environmental effects associated with fuel consumption, emissions, and public health. Section 15064.3(3) changes the focus of transportation impact analysis in CEQA from measuring impact to drivers to measuring the impact of driving.

While VMT thresholds have not yet been adopted by the City, Draft VMT Guidance has been prepared for the City by GHD,[39] which evaluates VMT and identifies recommended thresholds of significance for different types of land uses within the City of Galt. In accordance with the Governor's Office of Land Use and Climate Innovation (LCI) Technical Advisory on Evaluating Transportation Impacts in CEQA (Technical Advisory), VMT per capita is the recommended metric to evaluate CEQA-related transportation impacts for residential land uses, with an impact threshold of 15 percent below the existing VMT levels for residential land uses.[40] According to the Draft VMT Guidance, the existing average residential VMT per capita for the City is 34.5. In accordance with the LCI Technical Advisory and based on the recommended VMT thresholds, residential projects with a residential VMT per capita of 15 percent below the baseline VMT per capita of 34.5

[39] GHD. *SB 743 – Draft Vehicle Miles Traveled (VMT) Guidance*. April 28, 2022.

[40] Governor's Office of Land Use and Climate Innovation. *Technical Advisory on Evaluating Transportation Impacts in CEQA*. December 2018.

would be anticipated to result in a less-than-significant VMT impact. Therefore, a residential development project with a VMT per capita of 29.3 or less would be anticipated to result in a less-than-significant VMT impact.

According to the TIM prepared for the proposed project, project-generated VMT per capita is estimated to be 28.3, which would represent a greater than 15 percent reduction below baseline VMT. As such, residential development on the project site is anticipated to result in a less-than-significant VMT impact.

Based on the above, the proposed project would not conflict or be inconsistent with CEQA Guidelines Section 15064.3(b), and a ***less-than-significant*** impact would occur.

c,d. Primary site access would be provided by a new roadway, Saner Street, connecting to East Stockton Boulevard on the west and connecting to Lyonia Drive on the south. An additional loop road, Sobey Street, would be constructed between the northern and southeastern sections of Saner Street in the southern portion of the site creating an island of 16 residential lots. The ROW for the new roadway within the project site would be approximately 48 feet wide. The proposed circulation improvements would be subject to compliance with all applicable roadway design standards. The proposed project would not alter the existing transportation network nor increase hazards due to a geometrical design feature.

Construction traffic associated with the proposed project would include heavy-duty vehicles which would share the area roadways with normal vehicle traffic, as well as transport of construction materials, and daily construction employee trips to and from the site. However, such heavy-duty truck traffic would only occur throughout the duration of construction activities and would cease upon buildout of the proposed subdivision. In addition to the construction of structures and the new Sobey Street, the project would also include off-site improvements to extend the roadway, sidewalk, and muti-use trail between the two existing stubs of Lyonia Drive, south of the project site. Implementation of the proposed off-site improvements would directly influence the transportation network near the site during construction, and could result in roadway or lane closures that adversely affect residents in the project area.

Emergency vehicle access would be provided by the proposed new roadway, Saner Street. Saner Street would provide direct access into the project site extending east from East Stockton Boulevard, then south through the project site connecting with Lyonia Drive to provide a secondary access to the site. All interior drive aisles and parking stalls would comply with City design standards, and, thus, on-site circulation would be expected to function acceptably for emergency response vehicles. As such, the proposed on-site vehicle circulation would allow for emergency vehicle access and would not impede current response times to the project site. Furthermore, the TIM determined that given the two access points proposed for ingress and egress to the subdivision, the proposed project provides adequate emergency access.

Based on the above, the project would not substantially increase hazards due to a design feature, or incompatible uses, or result in inadequate emergency access. However, without proper planning of construction activities, construction traffic could interfere with existing roadway operations during the construction phase, which could result in a risk to public safety. Therefore, project traffic related to construction activities could result in a ***potentially significant*** impact.

Mitigation Measure(s)

Implementation of the following mitigation measure would reduce the above potential impact to a *less-than-significant* level.

XVII-1. Implement Mitigation Measure IX-5.

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

Discussion

a,b. As discussed in Section V, Cultural Resources, of this IS/MND, a CRS was prepared for the proposed project by EBA.[41] Previously documented pre-contact and historic archaeological sites, architectural resources, or traditional cultural properties have not been recorded at the project site or within a 0.5-mile radius of the project site. Based on the results of the CHRIS record search and EBA's archival research, EBA determined that a very low potential exists for buried archaeological site indicators to occur in the project site area. In addition, EBA conducted an intensive field survey of the project site on May 1, 2025 using transects spaced 15-meters apart. The field survey did not indicate the presence of any tribal cultural resources on-site. In addition, a records search of the NAHC SLF was conducted for the proposed project. Based on the results of the NAHC SLF, the site does not contain known tribal cultural resources.

In compliance with AB 52 (Public Resources Code Section 21080.3.1) and SB 18, tribal consultation letters were sent to the Torres Martinez Desert Cahuilla Indians, the Wilton Rancheria, United Auburn Indian Community of the auburn Rancheria, Tule River Indian Tribe, Pakan'yani Maidu of Strawberry Valley Rancheria, Nashville Enterprise Miwok-Maidu-Nishinam Tribe, Jackson Rancheria Band of Miwuk Indians, Ione Band of Miwok Indians, Chicken Ranch Rancheria of Me-Wuk Indians, California Valley Miwok Tribe, Calaveras Band of Mi-Wuk Indians, and Buena Vista Rancheria of Mi-Wuk Indians, on May 5, 2025. The Wilton Rancheria responded on June 2, 2025 stating that the tribe did not have any comments and did not wish to open consultation at the time of correspondence. Further correspondence with Wilton Rancheria has not been received to date. The City did not receive any other requests for consultation during the required response period.

Based on the history of disturbance at the project site as a result of past development and agricultural uses, as well as the lack of identified tribal cultural resources at the site and within the off-site improvement areas, tribal cultural resources are not expected to occur

[41] Eileen Barrow and Associates. *Cultural Resources Study for the Sheffield Subdivision Project 13315 Stockton Boulevard Galt, Sacramento County, California.* May 12, 2025.

within the proposed improvement areas. Nevertheless, the possibility exists that development of the proposed project could result in a substantial adverse change in the significance of a tribal cultural resource if previously unknown tribal cultural resources are uncovered during grading or other ground-disturbing activities. Thus, a ***potentially significant*** impact to tribal cultural resources could occur.

Mitigation Measure(s)

Implementation of the following mitigation measure would reduce the above potential impact to a *less-than-significant* level.

XVIII-1. Implement Mitigation Measures V-1 and V-2.

XIX. UTILITIES AND SERVICE SYSTEMS. *Would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Require or result in the relocation or construction of new or expanded water, wastewater treatment, or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	✖	☐
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	☐	☐	✖	☐
c. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	✖	☐
d. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	✖	☐
e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	✖	☐

Discussion

a-c. Electricity, natural gas, water, and sanitary sewer services would be provided to the project site by way of new connections to existing infrastructure in the immediate project area. Brief discussions of water, sewer service, stormwater drainage, natural gas, and electrical that would serve the proposed project are included below.

Water

As previously mentioned under Section X, Hydrology and Water Quality, water service for the proposed project would be provided by the City. The proposed project would include construction of new eight-inch water lines throughout the project site, with connections to the existing ten-inch water main west of the site in Stockton Boulevard and the existing eight-inch water main south of the site in Lyonia Drive.

According to the City's 2020 UWMP, the City of Galt relies upon groundwater from the Cosumnes Subbasin of the San Joaquin Valley Groundwater basin as the sole source of domestic potable water for current and future water demand.[42] The Cosumnes Subbasin is managed through the South Basin Groundwater Management Plan, which was adopted in 2011. According to the 2020 UWMP, the City has eight active wells to extract groundwater from the Cosumnes Subbasin. The wells have capacities ranging from 600 to 1,900 gallons per minute (gpm) with a total capacity of approximately 10,400 gpm. The depth to groundwater is approximately 80 feet to 100 feet with the wells drawing water at depths ranging from 652 feet to 1,539 feet.

[42] City of Galt. *2020 Urban Water Management Plan Update*. June 2021.

According to the 2020 UWMP, the estimated baseline average per capita per day (gpcd) water demand between the years 2000 and 2009 was approximately 221 gpcd. The 2020 UWMP set a water demand target for the City of Galt for the year 2020 of approximately 177 gpcd. The City met the 2020 target of 177 gpcd, with a water usage of 164 gpcd in 2020. According to the 2020 UWMP, the City can supply all of the water demands with groundwater from the Cosumnes Subbasin through the year 2045. Furthermore, the City is projected to have sufficient water supplies to meet projected water needs through 2045 during normal, dry, and multiple dry years. The UWMP notes that water usage could be reduced by over 30 percent should conservation measures be necessary.

The projected supply available to the City of Galt assumes that new wells will be developed in the future if warranted by demand, and would be adequate to serve a projected year 2045 population of 35,758.[43] As previously discussed, the proposed project would result in a 0.001 percent increase in the City's total population. Such an increase in population is well within the City of Galt's anticipated population growth, and, thus, within the City's available water supply.

Wastewater

Sanitary sewer services would be provided to the project site by the City of Galt Utilities Division, which is responsible for the operation and maintenance of the sewer system, including the City's WWTP and 12 sewer lift stations. The City of Galt's current wastewater treatment collection system consists of approximately 79 miles of sewer mains and trunk sewers. Sewer lift stations pump raw wastewater that is collected throughout the City and pump raw wastewater to the City's WWTP, which is located approximately 2.2 miles northwest of the project site. The WWTP has a capacity of 3.0 million gallons per day (mgd) and is currently operating at 2.0 mgd.[44] Thus, the WWTP has a remaining capacity of approximately 1.0 mgd.

The proposed project would include construction of new eight-inch sanitary sewer lines and sanitary sewer manholes through the project site. On-site sewage would be routed to the existing 18-inch sewer main west of the site within East Stockton Boulevard. According to the City of Galt Public Works Department, the average per capita flow is 100 gallons per day (gpd).[45] Based on the average per capita flow rate, operation of the proposed project would contribute a total wastewater generation of approximately 21,000 gpd, (100 gpd x 210 new residents) or 0.021 mgd. Therefore, the WWTP has adequate remaining capacity to accommodate the increase of wastewater flows associated with the proposed project.

It should further be noted that, although the proposed project includes a General Plan Amendment and Rezone to increase the density of the project site, buildout of the site with residential development was anticipated in the City's General Plan. Thus, increased wastewater flows associated with the project site have been generally anticipated within the City's General Plan and wastewater related analyses, such as the City's Sanitary Sewer Management Plan and the City's WWTP Facilities Master Plan. Furthermore, the General Plan EIR determined that impacts related to wastewater treatment capacity would be less than significant.

---

43 City of Galt. *2020 Urban Water Management Plan Update*. June 2021.

44 City of Galt. *Wastewater.* Available at: https://www.cityofgalt.org/government/public-works-department/utilities-division/wastewater. Accessed July 2025.

45 *Ibid.*

Therefore, given the available capacity within the wastewater facility, the proposed project would not result in inadequate capacity to serve the project's projected demand in addition to the existing commitments.

Stormwater

As discussed in Section X, Hydrology and Water Quality, of this IS/MND, stormwater draining off impervious surfaces such as roofs, parking areas, and drive aisles within the project site would infiltrate into proposed landscape areas or be captured by curb inlets and be routed by way of a new network of 15-, 18- and 24-inch storm drain lines to the existing 24- to 36-inch storm drain lines in Lyonia Drive. The proposed stormwater facilities would be designed to comply with the requirements of the SWRCB, SQIP, and the City of Galt's Stormwater Management Program, including the requirement that post-development flows shall not exceed pre-development flows. Furthermore, Mitigation Measure X-1 would ensure that the project applicant comply with the NPDES General Construction Permit requirements. Consequently, implementation of the proposed project would include provision of adequate on-site stormwater infrastructure, and the existing off-site stormwater infrastructure would be sufficient to meet the demand from the project. Additionally, because the site has been anticipated for development by the City's General Plan, impacts to stormwater systems resulting from development of the site have been analyzed in the City's General Plan EIR. Therefore, the proposed project would not significantly increase stormwater flows into the City's existing system and sufficient water supply capacity would be available to serve the project.

Electricity and Natural Gas

Electricity and natural gas utilities would be provided by way of connections to existing infrastructure located within the immediate project vicinity. SMUD would provide electricity and PG&E would provide natural gas services to the project site. The proposed project would not require major upgrades to, or extension of, existing infrastructure. Thus, impacts related to electricity and natural gas infrastructure would be less than significant.

Conclusion

Considering the above, sufficient utility infrastructure exists in the project vicinity to serve the proposed project. Furthermore, increased demand for water, sewer, and other utilities resulting from the proposed project can be accommodated by the City's existing utility capacity. Therefore, the project would result in a ***less-than-significant*** impact related to the relocation or construction of new or expanded water, wastewater treatment, or stormwater drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects.

d,e. Solid waste, recyclable materials, and compostable material collection within the City of Galt is operated by California Waste Recovery Systems (CWRS). CWRS is a private franchise that can haul solid waste to any approved landfill facility in the area. The Sacramento County Landfill located on Kiefer Boulevard has been recently expanded. The Sacramento County Landfill covers 1,084 acres of land; 660 acres are permitted for disposal. The site's permit allows the landfill to receive a maximum of 10,815 tons of waste per day. According to the California Department of Resources Recycling and Recovery (CalRecycle), the Sacramento County Landfill has a remaining capacity of 102,300,000

cubic yards out of a total permitted capacity of 117,400,000, or 96 percent remaining capacity.[46]

Because the proposed project would require a General Plan Amendment to change the project site's current General Plan land use designation from Low-Density Residential to Medium Density Residential, construction and operation of the proposed project would result in increased solid waste generation beyond what has been previously anticipated for the site by the General Plan EIR. As noted previously, the proposed project would accommodate an additional 26 residents beyond what was analyzed for buildout of the project site in the General Plan EIR, which would represent an increase of 0.001 percent increase in population relative to the existing City population. Such a relatively minor population increase would not substantially affect the available capacity of the Sacramento County Landfill. In addition, the residential nature of the proposed project would not be expected to generate substantial amounts of solid waste. Furthermore, the project would be required to comply with all applicable provisions of Chapter 8.16, Garbage, of the City's Municipal Code.

Therefore, the proposed project would not generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals and would comply with federal, State, and local management and reduction statutes and regulations related to solid waste. Therefore, a ***less-than-significant*** impact would occur.

[46] California Department of Resources Recycling and Recovery (CalRecycle). *Facility/Site Summary Details: Sacramento County Landfill (Kiefer) (34-AA-0001)*. Available at https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/2070?siteID=2507. Accessed July 2025.

XX. WILDFIRE. *If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:*	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	✖	☐
b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	✖	☐
c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	✖	☐
d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	✖	☐

Discussion

a-d. According to the California Department of Forestry and Fire Protection (CAL FIRE) Fire and Resource Assessment Program, the project site is not located within or near a State responsibility area or lands classified as a Very High Fire Hazard Severity Zone (VHFHSZ).[47] The nearest VHFHSZ is located approximately 7.15 miles east of the project site. Therefore, the proposed project would not be subject to substantial risks related to wildfires, and a ***less-than-significant*** impact would occur.

[47] California Department of Forestry and Fire Protection. *Fire Hazard Severity Zones Maps*. Available at: https://www.fire.ca.gov/osfm/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones/fire-hazard-severity-zones-maps-2022. Accessed June 2025.

XXI. MANDATORY FINDINGS OF SIGNIFICANCE.	Potentially Significant Impact	Less-Than-Significant with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
a. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	✖	☐	☐
b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☐	✖	☐
c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	✖	☐	☐

Discussion

a. As discussed in Section IV, Biological Resources, of this IS/MND, while a limited potential exists for special-status wildlife to occur on-site and within the off-site improvement areas, Mitigation Measures IV-1 through IV-13 would ensure that any impacts related to special-status species would be reduced to less-than-significant levels.

The project site or off-site improvement areas do not contain any known prehistoric resources. Thus, implementation of the proposed project is not anticipated to have the potential to result in impacts related to prehistoric resources. Nevertheless, Mitigation Measures V-1 and V-2 would ensure that in the event that previously unknown archaeological resources are discovered within the project site or off-site improvement areas, such resources would be protected in compliance with the requirements of CEQA and other State standards. Furthermore, as discussed in Section V, Cultural Resources, of this IS/MND, the existing on-site single-family residence is not eligible for listing on the NRHP and the CRHR. Thus, implementation of the proposed project would not result in impacts related to historic resources.

Considering the above, the proposed project would not degrade the quality of the environment, substantially reduce or impact the habitat of fish or wildlife species, cause fish or wildlife populations to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory. Thus, with implementation of mitigation a ***less-than-significant*** impact could occur.

b. As demonstrated in this IS/MND, all potential environmental impacts that could occur as a result of project implementation, would result in no impact or a less-than-significant level through compliance with applicable General Plan policies, Municipal Code Standards, and mitigation measures included in this IS/MND, as well as other applicable local and State regulations. Thus, any incremental effects associated with the proposed project would not

be considerable relative to the effects of all past, current, and probably future projects in the project area.

In addition, although buildout of the site was not anticipated for Medium Density Residential uses, development of the site for residential uses has been anticipated, and development of Medium Density Residential uses is typically located and compatible with the surrounding single-family housing development adjacent to the project site. As such, the proposed project is within the realm of what has been anticipated for the site by the City. For the aforementioned reasons, when viewed in conjunction with other closely related past, present, or reasonably foreseeable future projects, development of the proposed project would not result in a cumulatively considerable contribution to cumulative impacts, and the project's incremental contribution to cumulative impacts would be ***less than significant***.

c. As described in this IS/MND, the proposed project would comply with all applicable General Plan policies, Municipal Code standards, other applicable local and State regulations, in addition to the mitigation measures included herein. In addition, as discussed in Section III, Air Quality; Section VII, Geology and Soils; Section IX, Hazards and Hazardous Materials; and Section XIII, Noise, of this IS/MND, the proposed project would not cause substantial effects to human beings, including effects related to exposure to air pollutants, hazardous materials, noise, and transportation. Therefore, with implementation of mitigation, the proposed project would result in a ***less-than-significant*** impact.

Appendix A

Air Quality and Greenhouse Gas Emissions – CalEEMod Results

Sheffield Subdivision Custom Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

3.2. Demolition (2026) - Mitigated

3.3. Site Preparation (2026) - Unmitigated

3.4. Site Preparation (2026) - Mitigated

3.5. Grading (2026) - Unmitigated

3.6. Grading (2026) - Mitigated

3.7. Building Construction (2026) - Unmitigated

3.8. Building Construction (2026) - Mitigated

3.9. Building Construction (2027) - Unmitigated

3.10. Building Construction (2027) - Mitigated

3.11. Building Construction (2028) - Unmitigated

3.12. Building Construction (2028) - Mitigated

3.13. Paving (2026) - Unmitigated

3.14. Paving (2026) - Mitigated

3.15. Architectural Coating (2026) - Unmitigated

3.16. Architectural Coating (2026) - Mitigated

3.17. Architectural Coating (2027) - Unmitigated

3.18. Architectural Coating (2027) - Mitigated

3.19. Architectural Coating (2028) - Unmitigated

3.20. Architectural Coating (2028) - Mitigated

3.21. Linear, Grubbing & Land Clearing (2026) - Unmitigated

3.22. Linear, Grubbing & Land Clearing (2026) - Mitigated

3.23. Linear, Grading & Excavation (2026) - Unmitigated

3.24. Linear, Grading & Excavation (2026) - Mitigated

3.25. Linear, Drainage, Utilities, & Sub-Grade (2026) - Unmitigated

3.26. Linear, Drainage, Utilities, & Sub-Grade (2026) - Mitigated

3.27. Linear, Paving (2026) - Unmitigated

3.28. Linear, Paving (2026) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Sheffield Subdivision
Construction Start Date	4/1/2026
Operational Year	2028
Lead Agency	City of Galt
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.70
Precipitation (days)	36.0
Location	38.272708124740774, -121.30007826520874
County	Sacramento
City	Galt
Air District	Sacramento Metropolitan AQMD
Air Basin	Sacramento Valley
TAZ	742
EDFZ	13
Electric Utility	Sacramento Municipal Utility District
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Single Family Housing	65.0	Dwelling Unit	9.50	126,750	44,477	—	182	—

Other Non-Asphalt Surfaces	0.39	Acre	0.39	0.00	0.00	—	—	—
Road Construction	0.06	Mile	0.47	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mit.	3.00	2.96	11.1	62.3	0.10	0.27	22.7	23.0	0.26	10.5	10.8	—	11,464	11,464	0.45	0.13	2.17	11,508
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mit.	2.99	2.95	3.93	17.1	0.03	0.08	0.34	0.42	0.08	0.08	0.16	—	3,005	3,005	0.12	0.06	0.04	3,027
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mit.	2.13	2.10	2.77	12.2	0.02	0.06	1.28	1.33	0.06	0.52	0.57	—	2,145	2,145	0.09	0.04	0.44	2,160
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mit.	0.39	0.38	0.51	2.22	< 0.005	0.01	0.23	0.24	0.01	0.10	0.10	—	355	355	0.01	0.01	0.07	358
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

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

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	3.00	2.96	11.1	62.3	0.10	0.27	22.7	23.0	0.26	10.5	10.8	—	11,464	11,464	0.45	0.13	2.17	11,508

2027	2.99	2.95	3.85	17.4	0.03	0.08	0.34	0.42	0.08	0.08	0.16	—	3,030	3,030	0.12	0.06	1.44	3,052
2028	2.98	2.94	3.82	17.3	0.03	0.08	0.34	0.42	0.08	0.08	0.16	—	3,019	3,019	0.12	0.05	1.29	3,038
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.99	2.95	3.93	17.1	0.03	0.08	0.34	0.42	0.08	0.08	0.16	—	3,005	3,005	0.12	0.06	0.04	3,027
2027	2.98	2.93	3.90	17.0	0.03	0.08	0.34	0.42	0.08	0.08	0.16	—	2,996	2,996	0.12	0.06	0.04	3,017
2028	2.98	2.93	3.86	16.9	0.03	0.08	0.34	0.42	0.08	0.08	0.16	—	2,985	2,985	0.12	0.06	0.03	3,006
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.26	1.24	2.23	11.4	0.02	0.05	1.28	1.33	0.05	0.52	0.57	—	2,046	2,046	0.08	0.03	0.34	2,059
2027	2.13	2.10	2.77	12.2	0.02	0.06	0.23	0.29	0.06	0.06	0.11	—	2,145	2,145	0.09	0.04	0.44	2,160
2028	0.62	0.61	0.73	3.18	< 0.005	0.01	0.06	0.08	0.01	0.01	0.03	—	561	561	0.02	0.01	0.11	565
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.23	0.23	0.41	2.08	< 0.005	0.01	0.23	0.24	0.01	0.10	0.10	—	339	339	0.01	0.01	0.06	341
2027	0.39	0.38	0.51	2.22	< 0.005	0.01	0.04	0.05	0.01	0.01	0.02	—	355	355	0.01	0.01	0.07	358
2028	0.11	0.11	0.13	0.58	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	92.9	92.9	< 0.005	< 0.005	0.02	93.6

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mit.	6.51	6.16	3.51	34.5	0.08	0.10	6.42	6.52	0.10	1.63	1.73	28.0	8,664	8,692	2.68	0.30	22.4	8,870
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mit.	5.93	5.59	3.98	25.1	0.07	0.10	6.42	6.52	0.10	1.63	1.73	28.0	8,007	8,035	2.71	0.32	1.46	8,200
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mit.	6.10	5.75	3.72	27.1	0.07	0.10	6.13	6.23	0.10	1.56	1.66	28.0	7,994	8,022	2.69	0.30	9.97	8,190
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mit.	1.11	1.05	0.68	4.95	0.01	0.02	1.12	1.14	0.02	0.28	0.30	4.63	1,324	1,328	0.44	0.05	1.65	1,356
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

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

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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.05	2.76	2.83	30.5	0.07	0.05	6.42	6.47	0.05	1.63	1.68	—	7,429	7,429	0.27	0.28	21.5	7,540
Area	3.38	3.36	0.03	3.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	9.86	9.86	< 0.005	< 0.005	—	9.89
Energy	0.08	0.04	0.65	0.27	< 0.005	0.05	—	0.05	0.05	—	0.05	—	1,220	1,220	0.09	< 0.005	—	1,224
Water	—	—	—	—	—	—	—	—	—	—	—	4.90	5.14	10.0	0.02	0.01	—	13.7
Waste	—	—	—	—	—	—	—	—	—	—	—	23.1	0.00	23.1	2.31	0.00	—	80.7
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.91	0.91
Total	6.51	6.16	3.51	34.5	0.08	0.10	6.42	6.52	0.10	1.63	1.73	28.0	8,664	8,692	2.68	0.30	22.4	8,870
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.81	2.51	3.33	24.8	0.07	0.05	6.42	6.47	0.05	1.63	1.68	—	6,782	6,782	0.29	0.31	0.56	6,881
Area	3.04	3.04	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Energy	0.08	0.04	0.65	0.27	< 0.005	0.05	—	0.05	0.05	—	0.05	—	1,220	1,220	0.09	< 0.005	—	1,224
Water	—	—	—	—	—	—	—	—	—	—	—	4.90	5.14	10.0	0.02	0.01	—	13.7
Waste	—	—	—	—	—	—	—	—	—	—	—	23.1	0.00	23.1	2.31	0.00	—	80.7
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.91	0.91
Total	5.93	5.59	3.98	25.1	0.07	0.10	6.42	6.52	0.10	1.63	1.73	28.0	8,007	8,035	2.71	0.32	1.46	8,200
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.75	2.46	3.05	24.3	0.07	0.05	6.13	6.18	0.04	1.56	1.60	—	6,762	6,762	0.27	0.29	9.07	6,863
Area	3.27	3.26	0.02	2.53	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	6.75	6.75	< 0.005	< 0.005	—	6.78

Energy	0.08	0.04	0.65	0.27	< 0.005	0.05	—	0.05	0.05	—	0.05	—	1,220	1,220	0.09	< 0.005	—	1,224
Water	—	—	—	—	—	—	—	—	—	—	—	4.90	5.14	10.0	0.02	0.01	—	13.7
Waste	—	—	—	—	—	—	—	—	—	—	—	23.1	0.00	23.1	2.31	0.00	—	80.7
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.91	0.91
Total	6.10	5.75	3.72	27.1	0.07	0.10	6.13	6.23	0.10	1.56	1.66	28.0	7,994	8,022	2.69	0.30	9.97	8,190
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.50	0.45	0.56	4.44	0.01	0.01	1.12	1.13	0.01	0.28	0.29	—	1,120	1,120	0.04	0.05	1.50	1,136
Area	0.60	0.60	< 0.005	0.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	1.12	1.12	< 0.005	< 0.005	—	1.12
Energy	0.01	0.01	0.12	0.05	< 0.005	0.01	—	0.01	0.01	—	0.01	—	202	202	0.02	< 0.005	—	203
Water	—	—	—	—	—	—	—	—	—	—	—	0.81	0.85	1.66	< 0.005	< 0.005	—	2.26
Waste	—	—	—	—	—	—	—	—	—	—	—	3.82	0.00	3.82	0.38	0.00	—	13.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.15	0.15
Total	1.11	1.05	0.68	4.95	0.01	0.02	1.12	1.14	0.02	0.28	0.30	4.63	1,324	1,328	0.44	0.05	1.65	1,356

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

3.2. Demolition (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,427	3,427	0.14	0.03	—	3,438
Demolition	—	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.12	0.50	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	93.9	93.9	< 0.005	< 0.005	—	94.2

Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.5	15.5	< 0.005	< 0.005	—	15.6
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.85	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	167	167	< 0.005	0.01	0.60	169
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.27	0.11	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	152	152	0.01	0.02	0.31	160
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.17	4.17	< 0.005	< 0.005	0.01	4.23
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.17	4.17	< 0.005	< 0.005	< 0.005	4.39
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.69	0.69	< 0.005	< 0.005	< 0.005	0.70
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.69	0.69	< 0.005	< 0.005	< 0.005	0.73

3.3. Site Preparation (2026) - Unmitigated

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

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

3.4. Site Preparation (2026) - Mitigated

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

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

Off-Road	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,298	5,298	0.21	0.04	—	5,316
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.78	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	—	0.54	0.54	—	0.28	0.28	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	—	0.10	0.10	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.99	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	195	195	< 0.005	0.01	0.70	198
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.86	4.86	< 0.005	< 0.005	0.01	4.93
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.81	0.81	< 0.005	< 0.005	< 0.005	0.82
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2026) - Unmitigated

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

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

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

3.6. Grading (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,599	6,599	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	9.20	9.20	—	3.65	3.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.04	0.04	0.24	1.94	< 0.005	0.01	—	0.01	0.01	—	0.01	—	362	362	0.01	< 0.005	—	363
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	59.9	59.9	< 0.005	< 0.005	—	60.1
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.05	1.13	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	223	223	< 0.005	0.01	0.80	226
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.02	11.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.84	1.84	< 0.005	< 0.005	< 0.005	1.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2026) - Unmitigated

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

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

3.8. Building Construction (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.82	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.82	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.14	1.17	6.15	0.01	0.03	—	0.03	0.03	—	0.03	—	995	995	0.04	0.01	—	998
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.21	1.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	165	165	0.01	< 0.005	—	165
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.06	1.32	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	260	260	< 0.005	0.01	0.93	264
Vendor	0.02	0.01	0.34	0.13	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	197	197	0.01	0.03	0.47	207
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.08	0.97	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	231	231	0.01	0.01	0.02	234
Vendor	0.02	0.01	0.36	0.13	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	197	197	0.01	0.03	0.01	206
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.41	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	98.5	98.5	< 0.005	< 0.005	0.17	99.8
Vendor	0.01	< 0.005	0.15	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	81.7	81.7	0.01	0.01	0.08	85.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.3	16.3	< 0.005	< 0.005	0.03	16.5
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.5	13.5	< 0.005	< 0.005	0.01	14.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2027) - Unmitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

3.10. Building Construction (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.82	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.35	0.33	2.82	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.23	2.01	10.6	0.02	0.05	—	0.05	0.05	—	0.05	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.37	1.93	< 0.005	0.01	—	0.01	0.01	—	0.01	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.06	1.24	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	256	256	< 0.005	0.01	0.84	259
Vendor	0.02	0.01	0.32	0.13	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	192	192	0.01	0.03	0.43	202
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	0.91	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	227	227	0.01	0.01	0.02	230
Vendor	0.02	0.01	0.34	0.13	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	192	192	0.01	0.03	0.01	201
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.05	0.05	0.67	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	167	167	< 0.005	0.01	0.26	169
Vendor	0.01	< 0.005	0.24	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	137	137	0.01	0.02	0.13	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.6	27.6	< 0.005	< 0.005	0.04	27.9
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.8	22.8	< 0.005	< 0.005	0.02	23.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (2028) - Unmitigated

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

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

3.12. Building Construction (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.81	14.8	0.02	0.07	—	0.07	0.07	—	0.07	—	2,397	2,397	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.52	2.76	< 0.005	0.01	—	0.01	0.01	—	0.01	—	446	446	0.02	< 0.005	—	447
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.10	0.50	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	73.8	73.8	< 0.005	< 0.005	—	74.0

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.05	1.17	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	251	251	< 0.005	< 0.005	0.76	252
Vendor	0.02	0.01	0.30	0.12	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	187	187	0.01	0.03	0.38	196
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.86	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	223	223	< 0.005	0.01	0.02	225
Vendor	0.02	0.01	0.32	0.12	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	187	187	0.01	0.03	0.01	196
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	42.5	42.5	< 0.005	< 0.005	0.06	43.0
Vendor	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	34.8	34.8	< 0.005	0.01	0.03	36.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.03	7.03	< 0.005	< 0.005	0.01	7.12
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.77	5.77	< 0.005	< 0.005	0.01	6.04
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Paving (2026) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

3.14. Paving (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.25	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.7	20.7	< 0.005	< 0.005	—	20.8
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.43	3.43	< 0.005	< 0.005	—	3.44
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.04	0.85	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	167	167	< 0.005	0.01	0.60	169
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.08	2.08	< 0.005	< 0.005	< 0.005	2.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Architectural Coating (2026) - Unmitigated

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

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

3.16. Architectural Coating (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.49	2.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.49	2.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.25	0.37	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	51.7	51.7	< 0.005	< 0.005	—	51.9

Architectural Coating	0.96	0.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.56	8.56	< 0.005	< 0.005	—	8.59
Architectural Coatings	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.26	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	52.1	52.1	< 0.005	< 0.005	0.19	52.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.19	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	46.3	46.3	< 0.005	< 0.005	< 0.005	46.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.4	18.4	< 0.005	< 0.005	0.03	18.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.05	3.05	< 0.005	< 0.005	0.01	3.09
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Architectural Coating (2027) - Unmitigated

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

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

3.18. Architectural Coating (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.49	2.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.49	2.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.46	0.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	95.4	95.4	< 0.005	< 0.005	—	95.7
Architectural Coatings	1.78	1.78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.08	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.8	15.8	< 0.005	< 0.005	—	15.8
Architectural Coatings	0.32	0.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.25	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.2	51.2	< 0.005	< 0.005	0.17	51.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.18	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	45.4	45.4	< 0.005	< 0.005	< 0.005	46.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.3	33.3	< 0.005	< 0.005	0.05	33.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.51	5.51	< 0.005	< 0.005	0.01	5.59

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Architectural Coating (2028) - Unmitigated

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

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

3.20. Architectural Coating (2028) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.49	2.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.49	2.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.14	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	28.5	28.5	< 0.005	< 0.005	—	28.6
Architectural Coatings	0.53	0.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.72	4.72	< 0.005	< 0.005	—	4.73
Architectural Coatings	0.10	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.23	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	50.1	50.1	< 0.005	< 0.005	0.15	50.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	44.5	44.5	< 0.005	< 0.005	< 0.005	45.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.74	9.74	< 0.005	< 0.005	0.01	9.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.61	1.61	< 0.005	< 0.005	< 0.005	1.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Linear, Grubbing & Land Clearing (2026) - Unmitigated

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

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

3.22. Linear, Grubbing & Land Clearing (2026) - Mitigated

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

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

Off-Road	0.05	0.05	0.84	3.43	< 0.005	0.01	—	0.01	0.01	—	0.01	—	490	490	0.02	< 0.005	—	492
Dust From Material Movement	—	—	—	—	—	—	0.53	0.53	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.34	1.34	< 0.005	< 0.005	—	1.35
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.22	0.22	< 0.005	< 0.005	—	0.22
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.28	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	55.6	55.6	< 0.005	< 0.005	0.20	56.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.14	0.14	< 0.005	< 0.005	< 0.005	0.14
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.02	0.02	< 0.005	< 0.005	< 0.005	0.02
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Linear, Grading & Excavation (2026) - Unmitigated

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

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

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

3.24. Linear, Grading & Excavation (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.66	0.66	6.16	37.5	0.06	0.12	—	0.12	0.12	—	0.12	—	6,495	6,495	0.26	0.05	—	6,517
Dust From Material Movement	—	—	—	—	—	—	3.18	3.18	—	0.34	0.34	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.01	0.01	0.08	0.51	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	89.0	89.0	< 0.005	< 0.005	—	89.3
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.7	14.7	< 0.005	< 0.005	—	14.8
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.08	1.69	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	334	334	< 0.005	0.01	1.19	339
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.3	28.3	< 0.005	< 0.005	0.07	29.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.17	4.17	< 0.005	< 0.005	0.01	4.23
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.41
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.69	0.69	< 0.005	< 0.005	< 0.005	0.70
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Linear, Drainage, Utilities, & Sub-Grade (2026) - Unmitigated

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

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

3.26. Linear, Drainage, Utilities, & Sub-Grade (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.79	0.74	5.12	31.6	0.05	0.17	—	0.17	0.16	—	0.16	—	5,693	5,693	0.23	0.05	—	5,712
Dust From Material Movement	—	—	—	—	—	—	2.65	2.65	—	0.29	0.29	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.8	46.8	< 0.005	< 0.005	—	46.9
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.75	7.75	< 0.005	< 0.005	—	7.77

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.06	1.41	0.00	0.00	0.25	0.25	0.00	0.06	0.06	—	278	278	< 0.005	0.01	0.99	282
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.08	2.08	< 0.005	< 0.005	< 0.005	2.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.27. Linear, Paving (2026) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

3.28. Linear, Paving (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.18	2.58	11.3	0.01	0.03	—	0.03	0.03	—	0.03	—	1,619	1,619	0.07	0.01	—	1,625
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.87	8.87	< 0.005	< 0.005	—	8.90
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.47	1.47	< 0.005	< 0.005	—	1.47
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.05	0.99	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	195	195	< 0.005	0.01	0.70	198
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.97	0.97	< 0.005	< 0.005	< 0.005	0.99
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.16
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

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

4.1.2. Mitigated

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

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

Single Family Housing	3.05	2.76	2.83	30.5	0.07	0.05	6.42	6.47	0.05	1.63	1.68	—	7,429	7,429	0.27	0.28	21.5	7,540
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.05	2.76	2.83	30.5	0.07	0.05	6.42	6.47	0.05	1.63	1.68	—	7,429	7,429	0.27	0.28	21.5	7,540
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	2.81	2.51	3.33	24.8	0.07	0.05	6.42	6.47	0.05	1.63	1.68	—	6,782	6,782	0.29	0.31	0.56	6,881
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.81	2.51	3.33	24.8	0.07	0.05	6.42	6.47	0.05	1.63	1.68	—	6,782	6,782	0.29	0.31	0.56	6,881
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.50	0.45	0.56	4.44	0.01	0.01	1.12	1.13	0.01	0.28	0.29	—	1,120	1,120	0.04	0.05	1.50	1,136
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.50	0.45	0.56	4.44	0.01	0.01	1.12	1.13	0.01	0.28	0.29	—	1,120	1,120	0.04	0.05	1.50	1,136

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	401	401	0.02	< 0.005	—	402
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	401	401	0.02	< 0.005	—	402
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	401	401	0.02	< 0.005	—	402
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	401	401	0.02	< 0.005	—	402
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	66.4	66.4	< 0.005	< 0.005	—	66.6
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	66.4	66.4	< 0.005	< 0.005	—	66.6

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

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

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.08	0.04	0.65	0.27	< 0.005	0.05	—	0.05	0.05	—	0.05	—	819	819	0.07	< 0.005	—	822

Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.08	0.04	0.65	0.27	< 0.005	0.05	—	0.05	0.05	—	0.05	—	819	819	0.07	< 0.005	—	822
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.08	0.04	0.65	0.27	< 0.005	0.05	—	0.05	0.05	—	0.05	—	819	819	0.07	< 0.005	—	822
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.08	0.04	0.65	0.27	< 0.005	0.05	—	0.05	0.05	—	0.05	—	819	819	0.07	< 0.005	—	822
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.01	0.01	0.12	0.05	< 0.005	0.01	—	0.01	0.01	—	0.01	—	136	136	0.01	< 0.005	—	136
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	0.01	0.12	0.05	< 0.005	0.01	—	0.01	0.01	—	0.01	—	136	136	0.01	< 0.005	—	136

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	2.71	2.71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.33	0.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.34	0.32	0.03	3.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.86	9.86	< 0.005	< 0.005	—	9.89
Total	3.38	3.36	0.03	3.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	9.86	9.86	< 0.005	< 0.005	—	9.89
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	2.71	2.71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.33	0.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	3.04	3.04	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	0.50	0.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.06	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.04	0.04	< 0.005	0.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.12	1.12	< 0.005	< 0.005	—	1.12
Total	0.60	0.60	< 0.005	0.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	1.12	1.12	< 0.005	< 0.005	—	1.12

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

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

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

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	4.90	5.14	10.0	0.02	0.01	—	13.7
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.90	5.14	10.0	0.02	0.01	—	13.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	4.90	5.14	10.0	0.02	0.01	—	13.7
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.90	5.14	10.0	0.02	0.01	—	13.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	0.81	0.85	1.66	< 0.005	< 0.005	—	2.26
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.81	0.85	1.66	< 0.005	< 0.005	—	2.26

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

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

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	23.1	0.00	23.1	2.31	0.00	—	80.7
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	23.1	0.00	23.1	2.31	0.00	—	80.7

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	23.1	0.00	23.1	2.31	0.00	—	80.7
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	23.1	0.00	23.1	2.31	0.00	—	80.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	3.82	0.00	3.82	0.38	0.00	—	13.4
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	3.82	0.00	3.82	0.38	0.00	—	13.4

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

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

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.91	0.91
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.91	0.91
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.91	0.91
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.91	0.91
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.15	0.15
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.15	0.15

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.8.2. Mitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	4/1/2026	4/14/2026	5.00	10.0	—
Site Preparation	Site Preparation	4/15/2026	4/28/2026	5.00	10.0	—
Grading	Grading	4/29/2026	5/26/2026	5.00	20.0	—
Building Construction	Building Construction	6/3/2026	4/4/2028	5.00	480	—
Paving	Paving	5/27/2026	6/2/2026	5.00	5.00	—
Architectural Coating	Architectural Coating	6/17/2026	4/18/2028	5.00	480	—
Linear, Grubbing & Land Clearing	Linear, Grubbing & Land Clearing	4/1/2026	4/2/2026	5.00	1.00	—
Linear, Grading & Excavation	Linear, Grading & Excavation	4/3/2026	4/10/2026	5.00	5.00	—
Linear, Drainage, Utilities, & Sub-Grade	Linear, Drainage, Utilities, & Sub-Grade	4/11/2026	4/15/2026	5.00	3.00	—
Linear, Paving	Linear, Paving	4/16/2026	4/18/2026	5.00	2.00	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48
Linear, Grubbing & Land Clearing	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Linear, Grubbing & Land Clearing	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Linear, Grubbing & Land Clearing	Signal Boards	Electric	Average	0.00	8.00	6.00	0.82

Linear, Grading & Excavation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Linear, Grading & Excavation	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Linear, Grading & Excavation	Graders	Diesel	Average	1.00	8.00	148	0.41
Linear, Grading & Excavation	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Linear, Grading & Excavation	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Linear, Grading & Excavation	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Linear, Grading & Excavation	Signal Boards	Electric	Average	0.00	8.00	6.00	0.82
Linear, Grading & Excavation	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Linear, Drainage, Utilities, & Sub-Grade	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Linear, Drainage, Utilities, & Sub-Grade	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Graders	Diesel	Average	1.00	8.00	148	0.41
Linear, Drainage, Utilities, & Sub-Grade	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Linear, Drainage, Utilities, & Sub-Grade	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	96.0	0.40
Linear, Drainage, Utilities, & Sub-Grade	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Linear, Drainage, Utilities, & Sub-Grade	Signal Boards	Electric	Average	0.00	8.00	6.00	0.82
Linear, Drainage, Utilities, & Sub-Grade	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Linear, Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42

Linear, Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Linear, Paving	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Linear, Paving	Signal Boards	Electric	Average	0.00	8.00	6.00	0.82
Linear, Paving	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38

Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48
Linear, Grubbing & Land Clearing	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	87.0	0.43
Linear, Grubbing & Land Clearing	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Linear, Grubbing & Land Clearing	Signal Boards	Electric	Average	0.00	8.00	6.00	0.82
Linear, Grading & Excavation	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	87.0	0.43
Linear, Grading & Excavation	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Linear, Grading & Excavation	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Linear, Grading & Excavation	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Linear, Grading & Excavation	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.00	150	0.36
Linear, Grading & Excavation	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Linear, Grading & Excavation	Signal Boards	Electric	Average	0.00	8.00	6.00	0.82
Linear, Grading & Excavation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Linear, Drainage, Utilities, & Sub-Grade	Air Compressors	Diesel	Tier 4 Final	1.00	8.00	37.0	0.48
Linear, Drainage, Utilities, & Sub-Grade	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Linear, Drainage, Utilities, & Sub-Grade	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Linear, Drainage, Utilities, & Sub-Grade	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Rough Terrain Forklifts	Diesel	Tier 4 Final	1.00	8.00	96.0	0.40

Linear, Drainage, Utilities, & Sub-Grade	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Linear, Drainage, Utilities, & Sub-Grade	Signal Boards	Electric	Average	0.00	8.00	6.00	0.82
Linear, Drainage, Utilities, & Sub-Grade	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Linear, Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Linear, Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Linear, Paving	Rollers	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Linear, Paving	Signal Boards	Electric	Average	0.00	8.00	6.00	0.82
Linear, Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	14.3	LDA,LDT1,LDT2
Demolition	Vendor	—	8.80	HHDT,MHDT
Demolition	Hauling	2.10	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	14.3	LDA,LDT1,LDT2
Grading	Vendor	—	8.80	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	23.4	14.3	LDA,LDT1,LDT2
Building Construction	Vendor	6.95	8.80	HHDT,MHDT

Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	14.3	LDA,LDT1,LDT2
Paving	Vendor	—	8.80	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	4.68	14.3	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.80	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	14.3	LDA,LDT1,LDT2
Site Preparation	Vendor	—	8.80	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Linear, Grubbing & Land Clearing	—	—	—	—
Linear, Grubbing & Land Clearing	Worker	5.00	14.3	LDA,LDT1,LDT2
Linear, Grubbing & Land Clearing	Vendor	0.00	8.80	HHDT,MHDT
Linear, Grubbing & Land Clearing	Hauling	0.00	20.0	HHDT
Linear, Grubbing & Land Clearing	Onsite truck	—	—	HHDT
Linear, Grading & Excavation	—	—	—	—
Linear, Grading & Excavation	Worker	30.0	14.3	LDA,LDT1,LDT2
Linear, Grading & Excavation	Vendor	1.00	8.80	HHDT,MHDT
Linear, Grading & Excavation	Hauling	0.00	20.0	HHDT
Linear, Grading & Excavation	Onsite truck	—	—	HHDT
Linear, Drainage, Utilities, & Sub-Grade	—	—	—	—

Linear, Drainage, Utilities, & Sub-Grade	Worker	25.0	14.3	LDA,LDT1,LDT2
Linear, Drainage, Utilities, & Sub-Grade	Vendor	0.00	8.80	HHDT,MHDT
Linear, Drainage, Utilities, & Sub-Grade	Hauling	0.00	20.0	HHDT
Linear, Drainage, Utilities, & Sub-Grade	Onsite truck	—	—	HHDT
Linear, Paving	—	—	—	—
Linear, Paving	Worker	17.5	14.3	LDA,LDT1,LDT2
Linear, Paving	Vendor	0.00	8.80	HHDT,MHDT
Linear, Paving	Hauling	0.00	20.0	HHDT
Linear, Paving	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	14.3	LDA,LDT1,LDT2
Demolition	Vendor	—	8.80	HHDT,MHDT
Demolition	Hauling	2.10	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	14.3	LDA,LDT1,LDT2
Grading	Vendor	—	8.80	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	23.4	14.3	LDA,LDT1,LDT2
Building Construction	Vendor	6.95	8.80	HHDT,MHDT

Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	14.3	LDA,LDT1,LDT2
Paving	Vendor	—	8.80	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	4.68	14.3	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.80	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	14.3	LDA,LDT1,LDT2
Site Preparation	Vendor	—	8.80	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Linear, Grubbing & Land Clearing	—	—	—	—
Linear, Grubbing & Land Clearing	Worker	5.00	14.3	LDA,LDT1,LDT2
Linear, Grubbing & Land Clearing	Vendor	0.00	8.80	HHDT,MHDT
Linear, Grubbing & Land Clearing	Hauling	0.00	20.0	HHDT
Linear, Grubbing & Land Clearing	Onsite truck	—	—	HHDT
Linear, Grading & Excavation	—	—	—	—
Linear, Grading & Excavation	Worker	30.0	14.3	LDA,LDT1,LDT2
Linear, Grading & Excavation	Vendor	1.00	8.80	HHDT,MHDT
Linear, Grading & Excavation	Hauling	0.00	20.0	HHDT
Linear, Grading & Excavation	Onsite truck	—	—	HHDT
Linear, Drainage, Utilities, & Sub-Grade	—	—	—	—

Linear, Drainage, Utilities, & Sub-Grade	Worker	25.0	14.3	LDA,LDT1,LDT2
Linear, Drainage, Utilities, & Sub-Grade	Vendor	0.00	8.80	HHDT,MHDT
Linear, Drainage, Utilities, & Sub-Grade	Hauling	0.00	20.0	HHDT
Linear, Drainage, Utilities, & Sub-Grade	Onsite truck	—	—	HHDT
Linear, Paving	—	—	—	—
Linear, Paving	Worker	17.5	14.3	LDA,LDT1,LDT2
Linear, Paving	Vendor	0.00	8.80	HHDT,MHDT
Linear, Paving	Hauling	0.00	20.0	HHDT
Linear, Paving	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	256,669	85,556	0.00	0.00	1,019

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	1,800	—
Site Preparation	—	—	15.0	0.00	—

Grading	—	—	60.0	0.00	—
Paving	0.00	0.00	0.00	0.00	1.58
Linear, Grubbing & Land Clearing	—	—	0.47	0.00	—
Linear, Grading & Excavation	—	—	0.47	0.00	—
Linear, Drainage, Utilities, & Sub-Grade	—	—	0.47	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	0.72	0%
Other Non-Asphalt Surfaces	0.39	0%
Road Construction	0.47	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	279	0.01	< 0.005
2027	0.00	267	0.01	< 0.005
2028	0.00	253	0.01	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year

Single Family Housing	614	620	556	221,286	8,954	9,049	8,110	3,229,174
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	614	620	556	221,286	8,954	9,049	8,110	3,229,174
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	65
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.1.2. Mitigated

Hearth Type	Unmitigated (number)
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	65
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
256668.75	85,556	0.00	0.00	1,019

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	579,034	253	0.0129	0.0017	2,556,524
Other Non-Asphalt Surfaces	0.00	253	0.0129	0.0017	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	578,742	253	0.0129	0.0017	2,556,524
Other Non-Asphalt Surfaces	0.00	253	0.0129	0.0017	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	2,291,835	759,221
Other Non-Asphalt Surfaces	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	2,291,835	759,221
Other Non-Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	42.8	—
Other Non-Asphalt Surfaces	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	42.8	—
Other Non-Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

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

5.14.2. Mitigated

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

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.15.2. Mitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

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

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

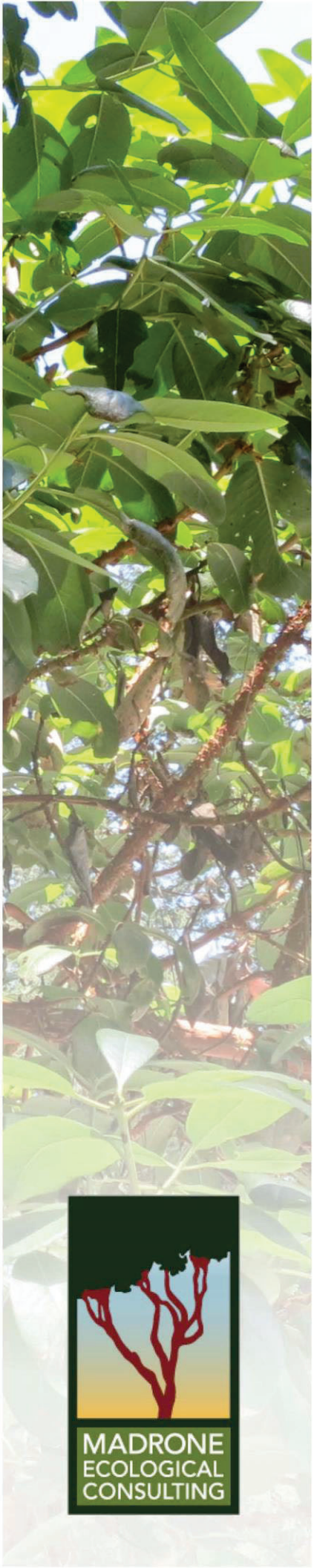
Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

8. User Changes to Default Data

Screen	Justification
Land Use	Lot acreage adjusted to represent overall acreage of the project site.
Construction: Construction Phases	Based on typical construction practices, architectural coating assumed to start two weeks after the start of building construction and last for the same number of days.
Operations: Hearths	Based on applicant provided information, all 65 units would include natural gas fireplaces.

Appendix B

Biological Resources Assessment



Biological Resources Assessment

Sheffield Subdivision

Sacramento County, California

April 2025

MADRONE ECOLOGICAL CONSULTING

Prepared for:
Aaron Ross-Swain
FDC Nor-Cal Corporation
555 University Avenue, Suite 116
Sacramento, CA 95825

Recommended Citation:
Madrone Ecological Consulting, LLC (Madrone). 2025. *Biological Resources Assessment – Sheffield Subdivision*. Prepared for FDC Nor-Cal Corp. Published on 24 April 2025.

CONTENTS

Biological Resources Assessment
Sheffield Subdivision

1.0 INTRODUCTION 6
1.1 Applicant Information 6
1.2 Project Location 6
2.0 PROJECT DESCRIPTION 6
3.0 REGULATORY SETTING 7
3.1 Federal Regulations 7
3.1.1 Federal Endangered Species Act 7
3.1.2 Clean Water Act, Section 404 7
3.1.3 Migratory Bird Treaty Act 8
3.2 State Regulations 8
3.2.1 California Environmental Policy Act 8
3.2.2 California Endangered Species Act 9
3.2.3 Native Plant Protection Act 9
3.2.4 Clean Water Act, Section 401 9
3.2.5 Porter-Cologne Water Quality Control Act 9
3.2.6 California Fish and Game Code, Section 1600 – Streambed and Lake Alteration 9
3.2.7 California Species of Special Concern 10
3.2.8 Fully Protected Species 10
3.2.9 California Fish and Game Code, Section 3503.5 – Raptor Nests 11
3.3 Local Regulations 11
3.3.1 Sacramento County General Plan 11
3.3.2 South Sacramento Habitat Conservation Plan and Aquatic Resources Protection Plan 11
3.3.3 City of Galt Tree Ordinance 12
4.0 METHODOLOGY 12
4.1 Literature Review 12
4.2 Field Surveys 13
5.0 GENERAL SITE CONDITIONS AND HABITAT 14
5.1 Soils 15
5.2 Aquatic Resources 15
5.2.1 Deadman Gulch 15
5.3 Special Lands 15
5.4 South Sacramento Habitat Conservation Plan Land Cover Types 16
5.4.1 Low-Density Development 16
5.4.2 Major Roads 16
5.4.3 Mixed Riparian Scrub 16
5.4.4 Valley Grassland 17
6.0 RESULTS 17

6.1 Invertebrates 27
6.1.1 Crotch Bumble Bee 27
6.1.2 Monarch 27
6.2 Reptiles 28
6.2.1 Northwestern Pond Turtle 28
6.2.2 Giant Garter Snake 28
6.3 Birds 29
6.3.1 Cooper's Hawk 29
6.3.2 Tricolored Blackbird 29
6.3.3 Greater Sandhill Crane 29
6.3.4 Western Burrowing Owl 30
6.3.5 Ferruginous Hawk 31
6.3.6 Swainson's Hawk 31
6.3.7 Northern Harrier 31
6.3.8 White-Tailed Kite 32
6.3.9 Loggerhead Shrike 32
6.4 Mammals 32
6.4.1 Pallid Bat 32
6.4.2 Silver-Haired Bat 33
6.4.3 Western Red Bat 33
6.4.4 Hoary Bat 33
6.4.5 American Badger 34
6.7 Protected Trees 34

7.0 IMPACTS TO SENSITIVE BIOLOGICAL RESOURCES 34
7.1 SSHCP Land Cover 34
7.4 Invertebrates 35
7.4.1 Crotch Bumble Bee 35
7.4.3 Monarch 35
7.5 Reptiles 35
7.6 Birds 35
7.8.1 Western Burrowing Owl 35
7.8.2 Swainson's Hawk Nesting and Foraging Habitat 35
7.8.3 Nesting Raptors and Other Birds 35
7.8.4 Wintering and Foraging Raptors and Other Birds 36
7.9 Mammals 36
7.9.1 Roosting Bats 36
7.9.2 American Badger 36
7.10 Protected Trees 36

8.0 AVOIDANCE, MINIMIZATION, AND MITIGATION MEASURES FOR IMPACTS TO SENSITIVE BIOLOGICAL RESOURCES 36
8.1 SSHCP Land Cover Conversion 36
8.2 Invertebrates 37
8.2.1 Crotch Bumble Bee 37

8.2.2 Monarch 39
8.3 Reptiles 39
8.3.1 Northwestern Pond Turtle 39
8.3.2 Giant Garter Snake 40
8.4 Birds 40
8.4.1 Western Burrowing Owl 40
8.4.2 Swainson's Hawk Nesting and Foraging Habitat 40
8.4.3 Nesting Raptors and Other Birds 40
8.4.4 Wintering and Foraging Raptors 41
8.5 Mammals 41
8.5.1 Roosting Bats 41
8.6.2 American Badger 42
8.7 Other SSHCP Avoidance and Minimization Measures 43
9.0 REFERENCES 45

Tables

Table 1. SSHCP Baseline and Existing Land Cover Types in the Study Area 16

Table 2. Special-Status Species with Potential to Occur within the Sheffield Subdivision Study Area 19
Table 3. SSHCP Land Cover Impacts 344

Figures

Figure 1. Site and Vicinity
Figure 2. California Natural Diversity Database Occurrences of Special-Status Plant and Wildlife Species
Figure 3. Natural Resource Conservation Service Soils
Figure 4. Aquatic Resources
Figure 5. SSHCP Baseline Land Cover
Figure 6. SSHCP Existing Land Cover
Figure 7. Tree Inventory Map
Figure 8. Impacts to Land Cover and Inventoried Trees

Attachments

Attachment A. Sheffield Subdivision Preliminary Tentative Subdivision Map
Attachment B. IPaC Trust Resource Report for the Study Area
Attachment C. CNPS Inventory of Rare and Endangered Plant Inventory Query for the "Galt, California" USGS Quadrangle and Eight Surrounding Quadrangles
Attachment D. Plant and Wildlife Species Observed
Attachment E. Tree Inventory
Attachment F. SSHCP Avoidance and Minimization Measures

1.0 INTRODUCTION

This report presents the results of a biological resources assessment conducted for the Sheffield Subdivision Project (Project). This report was prepared to support analysis of impacts under the California Environmental Quality Act (CEQA) and authorization under the South Sacramento Habitat Conservation Plan (SSHCP; County of Sacramento et al. 2018). The CEQA Notice of Determination and SSHCP authorization will be issued by the City of Galt.

1.1 Applicant Information

Applicant/Property Owner	**Agent/Consultant**
Aaron Ross-Swain FDC Nor-Cal Corp. 555 University Avenue, Suite 116 Sacramento, CA 95825 aaron@fieldstonecommunitiesllc.com	Ben Watson Madrone Ecological Consulting, LLC 8421 Auburn Boulevard, Suite 248 Citrus Heights, California 95610 bwatson@madroneeco.com

1.2 Project Location

The 10.45±-acre Sheffield Subdivision project (Project) is located in the City of Galt, Sacramento County just east of State Highway 99 and west of Canyon Creek Park (**Figure 1**). The Project study area (Study Area) is bounded by Deadman Gulch to the north and east, Lyonia Drive to the south and Stockton Boulevard to the west. It is located in the unsectioned Rancho Sanjon de los Moquelumnes Land Grant, Township 5 North, Range 6 East, Mount Diablo Base & Meridian (Latitude 38.272291, Longitude -121.300003), as shown on the USGS "*Galt, California*" 7.5-Minute Series Topographic Quadrangle (USGS 2021). The Assessor's Parcel Numbers (APNs) for the subject property are 150-0052-026 and 150-0052-007. Offsite improvements would occur along the northern boundary of APN 150-0030-012. The Study Area can be accessed from Lyona Drive.

The Study Area is within the South Sacrament Habitat Conservation Plan (SSHCP) urban development area (UDA).

2.0 PROJECT DESCRIPTION

The proposed Sheffield Subdivision Conceptual Plan Site Plan (TSD Engineering, Inc.) dated November 27, 2024 (**Attachment A**), includes 73 single-family residential lots with subdivision roadways and supporting infrastructure. A multi-use trail is proposed along the eastern, and a portion of the northern subdivision boundaries where they boarder Deadman Gulch.

The Sheffield Subdivision roads are planned to connect with the local roadway system depicted in the land use plan with one entrance off of East Stockton Boulevard to the west of the subdivision and one entrance off of Lyonia Drive to the south of the subdivision.

3.0 REGULATORY SETTING

This section describes federal, state, and local laws and policies that are relevant to this assessment of biological resources.

3.1 Federal Regulations

3.1.1 Federal Endangered Species Act

The Federal Endangered Species Act (FESA) of 1973 protects species that are federally listed as endangered or threatened with extinction. FESA prohibits the unauthorized "take" of listed species. Take includes harassing, harming, pursuing, hunting, shooting, wounding, killing, trapping, capturing, or collecting wildlife species or any attempt to engage in such activities. Harm includes significant modifications or degradations of habitats that may cause death or injury to protected species by impairing their behavioral patterns. Harassment includes disruption of normal behavior patterns that may result in injury to or mortality of protected species. Civil or criminal penalties can be levied against persons convicted of unauthorized "take."

3.1.2 Clean Water Act, Section 404

Section 404 of the Federal Clean Water Act requires that a Department of the Army permit be issued prior to the discharge of dredged or fill material into waters of the United States, including some wetlands. The U.S. Army Corps of Engineers (USACE) administers this program, with oversight from the U. S. Environmental Protection Agency. As of the date of this document, waters of the United States (waters of the U.S.) are defined as follows (40 CFR 120.2):

1. Waters which are:
    i. Currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;
    ii. The territorial seas; or
    iii. Interstate waters;
2. Impoundments of waters otherwise defined as waters of the United States under this definition, other than impoundments of waters identified under item (5) below;
3. Tributaries of waters identified in items (1) or (2) above that are relatively permanent, standing or continuously flowing bodies of water;
4. Wetlands adjacent to the following waters:
    i. Waters identified in item (1) of this section; or
    ii. Relatively permanent, standing or continuously flowing bodies of water identified in items (2) or (3) above and with a continuous surface connection to those waters;
5. Intrastate lakes and ponds not identified in paragraphs (1) through (4) of this section that are relatively permanent, standing or continuously flowing bodies of water with a continuous surface connection to the waters identified in items (1) or (3) above.

Under the current definition of waters of the U.S., "adjacent" means *having a continuous surface connection*.

Waters subject to regulation under Section 404 are referred to as "jurisdictional waters".

3.1.3 Migratory Bird Treaty Act

The Migratory Bird Treaty Act (MBTA) prohibits the take, possession, import, export, transport, selling, purchase, barter, or offering for sale, purchase or barter, any native migratory bird, their eggs, parts, and nests, except as authorized under a valid permit (50 CFR 21.11.). Likewise, Section 3513 of the California Fish & Game Code prohibits the "take or possession" of any migratory non-game bird identified under the MBTA. Therefore, activities that may result in the injury or mortality of native migratory birds, including eggs and nestlings, would be prohibited under the MBTA.

3.2 State Regulations

3.2.1 California Environmental Policy Act

The California Environmental Quality Act (CEQA) requires evaluations of project effects on biological resources. Determining the significance of those effects is commonly guided by Appendix G of the CEQA guidelines, which ask whether a project would:

- Have substantial adverse effects on any species identified as candidate, sensitive, or special-status in local or regional plans, policies, or regulations or by the California Department of Fish and Wildlife (CDFW) or the U.S. Fish and Wildlife Service (USFWS) (these effects could be direct or via habitat modification);
- 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 CDFW or the USFWS;
- Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations or by the CDFW or the USFWS;
- Have a substantial adverse effect on state or federally protected wetlands through direct removal, filling, hydrological interruption, or other means;
- 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;
- Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance; or
- Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

3.2.2 California Endangered Species Act

With limited exceptions, the California Endangered Species Act (CESA) of 1984 protects state-designated endangered and threatened species in a way similar to FESA. For projects on private, CESA enables CDFW to authorize take of a listed species that is incidental to carrying out an otherwise lawful project that has been approved under CEQA (Fish & Game Code Section 2081).

3.2.3 Native Plant Protection Act

The Native Plant Protection Act (NPPA) was enacted in 1977 and allows the Fish and Game Commission to designate plants as rare or endangered. There are 64 species, subspecies, and varieties of plants that are protected as rare under the NPPA. The NPPA prohibits take of endangered or rare native plants, but includes some exceptions for agricultural and nursery operations; emergencies; and after properly notifying CDFW for vegetation removal from canals, roads, and other sites, changes in land use, and in certain other situations.

3.2.4 Clean Water Act, Section 401

Section 401 of the Clean Water Act requires any applicant for a Clean Water Act Section 404 permit for activities that result in the discharge of dredged or fill material into waters of the U.S. to obtain a State Water Quality Certification (401 Certification) that the proposed activity will comply with state water quality standards. In California, this program is administered by the State Water Resources Control Board and the nine Regional Water Quality Control Boards (RWQCB). Because a 401 Certification is triggered by the need for a Section 404 permit (and both programs are a part of the Clean Water Act), the definition of waters of the U.S. under Section 401 is the same as that used by the USACE under Section 404.

3.2.5 Porter-Cologne Water Quality Control Act

Waters that are not considered waters of the U.S. may be considered waters of the State of California (waters of the state) under the Porter-Cologne Water Quality Control Act (Porter-Cologne). Porter-Cologne, from Division 7 of the California Water Code, requires any person discharging waste or proposing to discharge waste that could affect the quality of waters of the state to file a report of waste discharge (RWD) with the RWQCB. The RWQCB can waive the filing of a report, but once a report is filed, the RWQCB must either waive or adopt water discharge requirements (WDRs). Waters of the state are defined as any surface water or groundwater, including saline waters, within the boundaries of the state of California.

3.2.6 California Fish and Game Code, Section 1600 – Streambed and Lake Alteration

The Department of California Fish and Wildlife (CDFW) is responsible for conserving, protecting, and managing California's fish, wildlife, and native plant resources. To meet this responsibility, the Fish and Game Code Section 1602 requires notification to CDFW of any proposed activity that may substantially

modify a river, stream, or lake. Notification is required by any person, business, state or local government agency, or public utility that proposes an activity that will:

- substantially divert or obstruct the natural flow of any river, stream or lake;
- substantially change or use any material from the bed, channel, or bank of any river, stream, or lake; or
- deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake.

The notification requirement applies to any river, stream, or lake, including those that are dry for periods of time (ephemeral/episodic) as well as those that flow year round (perennial). This includes ephemeral streams, desert washes, and watercourses with a subsurface flow. If notification is required and CDFW determines that proposed activity will substantially alter a river, stream, or lake, and may substantially adversely affect existing fish or wildlife resources, it will require that the parties enter into a Lake or Streambed Alteration Agreement (LSAA).

3.2.7 California Species of Special Concern

The Species of Special Concern (CSC) are defined by CDFW as a species, subspecies, or distinct population of an animal native to California that are not legally protected under the FESA or CESA or the California Fish and Game Code, but currently satisfies one or more of the following criteria:

- The species has been completely extirpated from the state or, as in the case of birds, it has been extirpated from its primary seasonal or breeding role.
- The species is listed as federally (but not state) threatened or endangered or meets the state definition of threatened or endangered but has not formally been listed.
- The species has or is experiencing serious (noncyclical) population declines or range retractions (not reversed) that, if continued or resumed, could qualify it for state threatened or endangered status.
- The species has naturally small populations that exhibit high susceptibility to risk from any factor that if realized, could lead to declines that would qualify it for state threatened or endangered status.

CSC are typically associated with habitats that are threatened. Project-related impacts to CSC, state-threatened or endangered species are considered "significant" under CEQA.

3.2.8 Fully Protected Species

The State of California first began to designate species as "fully protected" prior to the creation of FESA and CESA. Lists of fully protected species were initially developed to provide protection to those animals that were rare or faced possible extinction and included fish, amphibians and reptiles, birds, and mammals. Most fully protected species have since been listed as threatened or endangered under the FESA and/or California

CESA. The regulations that implement the Fully Protected Species Statute (California Fish and Game Code, § 4700 for mammals, § 3511 for birds, § 5050 for reptiles and amphibians, and § 5515 for fish) provide that fully protected species may not be taken or possessed at any time. Furthermore, CDFW prohibits any state agency from issuing incidental take permits for fully protected species. CDFW will issue licenses or permits for take of these species for necessary scientific research or live capture and relocation pursuant to the permit.

3.2.9 California Fish and Game Code, Section 3503.5 – Raptor Nests

Section 3503.5 of the Fish and Game Code makes it unlawful to take, possess, or destroy hawks or owls, unless permitted to do so, or to destroy the nest or eggs of any hawk or owl.

3.3 Local Regulations

3.3.1 Sacramento County General Plan

The Conservation Element of the Sacramento County General Plan's goal for habitat protection and management is to "Preserve and enhance natural habitats and their ecological functions throughout Sacramento County" (County of Sacramento 2017). The General Plan identifies several objectives and policies to achieve this goal, including:

- Policy CO-58, ensure no net loss of wetlands, riparian woodlands, and oak woodlands
- Policy CO-59, ensure mitigation occurs for any loss or modification to vernal pools, wetlands, riparian, native vegetative habitat, and special-status species habitat
- Policy CO-61, mitigation should be consistent with Sacramento County-adopted habitat conservation plans

3.3.2 South Sacramento Habitat Conservation Plan and Aquatic Resources Protection Plan

The SSHCP, which Sacramento County adopted in September 2018, streamlines federal and state permitting processes for specific development and infrastructure projects while protecting habitat, open space, and agricultural lands. The plan area encompasses nearly 318,000 acres in an area roughly bordered by U.S. Highway 50 on the north, San Joaquin County on the south, El Dorado County and Amador County to the east, and the Sacramento River to the west, including Galt and most of Rancho Cordova. Sacramento County is a Plan Permittee for the SSHCP, meaning it can authorize covered activities under the plan, including incidental take authorization for federal and state-listed species. The SSHCP also includes streamlined processes for authorization under Sections 401 and 404 of the Clean Water Act, Porter-Cologne, and the County's aquatic resources impact permit program (County Code Section 16.135).

SSHCP applicants can either pay mitigation fees for land cover conversion or dedicate land in-lieu of a portion of the fees. Land-in-lieu proposals must be reviewed and approved by Sacramento County and the South Sacramento Conservation Agency (the entity overseeing SSHCP implementation). If an applicant opts

to pay the mitigation fees, Sacramento County applies an adopted SSHCP fee schedule. Fees are currently based on a 2019-baseline adjusted for inflation.

As part of the SSHCP, the County's aquatic resources protection program (Sacramento County Code Section 16.135) regulates impacts to aquatic resources within the SSHCP plan area. The purpose and intent of the program is to achieve no-net-loss of aquatic resource function and services and to enact efficient aquatic resource permitting consistent with the requirements of the federal Clean Water Act (Sections 404 and 401), California Fish and Game Code Section 1600, and Porter-Cologne. The County issues aquatic resource impact permits via the SSHCP.

3.3.3 City of Galt Tree Ordinance

The City of Galt regulates the cutting and removal of heritage oak and public trees. The City's Cutting and Removal of Heritage Oak and Public Tree Code (Tree Ordinance, Section 18.52.060) regulates preservation or removal of trees as a condition of approval of discretionary projects. Any building permit or zoning permit requiring the removal or pruning of a heritage oak tree or public tree, must consider the provisions of Trees Code and the applicant shall be required to obtain the requisite permit. The Tree Code states that:

> "No person, firm or corporation shall remove or injure, and tree, shrub or plant within any street tree area or other public place of the City without prior permission and written approval therefore from the Community Development Director or his duly authorized representative. The community Development Director or his duly authorized representative is authorized to grant such permission in his discretion and where necessary. No permission shall be valid for a longer period than sixty days after its issuance. Exception is made for authorized public agencies."

The same Section of the City Ordinance defines heritage oaks as follows:

> "Heritage oak tree" includes, but is not limited to, any of the following: Valley Oak (*Quercus lobata*), Interior Live Oak (*Quercus wislizenii*), Blue Oak (*Quercus douglasii*), Coast Live Oak (*Quercus agrifolia*) or Oracle Oak (*Quercus morehus*) having at least one (1) trunk of six (6) inch diameter measured four (4) feet above the ground, or multi-trunks with an aggregate diameter of eight (8) inches or more, measured four (4) feet above ground."

And public tree as:

> "Public tree" means any tree with one-half or more of its trunk or branches on or above public land.

4.0 METHODOLOGY

4.1 Literature Review

A list of special-status species with potential to occur within the Study Area was developed by conducting queries of the following databases:

- California Natural Diversity Database (CNDDB) (CNDDB 2025) query of the Study Area and all areas within 5 miles of the Study Area (**Figure 2**).
- Federally-listed species on the USFWS Information for Planning and Conservation (IPaC) query for the Study Area (USFWS 2025) (**Attachment B**);
- California Native Plant Society (CNPS) Rare and Endangered Plant Inventory query of the "Galt, California" USGS 7.5-minute quadrangle and the eight surrounding quadrangles (CNPS 2024) (**Attachment C**);
- Verified records from Bumble Bee Watch (BBW 2025);
- Queries of the Western Monarch Milkweed Mapper (WMMM 2025) and Western Monarch Overwintering Site Viewer (Xerxes Society 2025) databases;
- Research grade observations from iNaturalist (iNaturalist 2025);
- Confirmed nesting records and observation records from Cornell Laboratory of Ornithology's eBird database (Cornell Lab 2025); and
- Western Bat Working Group (WBWG) Species Matrix (WBWG 2025).

For the purposes of this Biological Resources Assessment, special-status species is defined as those species that are:

- listed as threatened or endangered, or proposed or candidates for listing by the USFWS or National Marine Fisheries Service
- listed as threatened or endangered and candidates for listing by CDFW
- identified as Fully Protected species, species of special concern, or Watch List species by CDFW
- identified as a Bird of Conservation Concern by the USFWS
- identified as a Medium or High priority species by the WBWG
- plant species considered to be rare, threatened, or endangered in California by the CNPS and CDFW [California Rare Plant Rank (CRPR) 1, 2, and 3]:
  - CRPR 1A: Plants presumed extinct.
  - CRPR 1B: Plants rare, threatened, or endangered in California and elsewhere.
  - CRPR 2A: Plants extirpated in California, but common elsewhere.
  - CRPR 2B: Plants rare, threatened, or endangered in California, but more common elsewhere.
  - CRPR 3: Plants about which the CNPS needs more information – a review list.
- Identified as a covered species in the SSHCP

Additionally, several species that do not have any regulatory status but are tracked by the CNDDB were considered.

4.2 Field Surveys

Madrone biologist Dustin Brown conducted an aquatic resources delineation survey of the Study Area on 15 November 2024. The delineation was conducted in accordance with the *Corps of Engineers Wetlands Delineation Manual* (Environmental Laboratory 1987), the Regional Supplement to the *Corps of Engineers*

Wetland Delineation Manual: Arid West Region (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 (USACE 2008b), and the Sacramento District's *Minimum Standards for Acceptance of Preliminary Wetlands Delineations* (USACE 2016). No aquatic resources were identified within the Study Area. Mr. Brown did map the ordinary high-water mark for Deadman Gulch that is adjacent to the Study Area (**Figure 4**).

Madrone biologist Jinnah Benn completed reconnaissance level surveys of the Study Area on 10 and 23 March 2025. During the 10 March survey, Ms. Benn reviewed and recorded land cover (vegetation) communities according to the SSHCP; surveyed for potential aquatic resources; and surveyed for suitable habitat for special status species including potential nesting habitat. Vegetation communities were classified in accordance with the SSHCP, and plant taxonomy was based on the nomenclature in the Jepson eFlora (Jepson Flora Project 2025). A list of all plant and wildlife species observed during field surveys is included as **Attachment D**.

A tree inventory was collected during the 23 March survey. All trees regulated by the City of Galt Tree Ordinance as well as those protected by Section 1600 of the Fish and Game Code were mapped. Specifically, all native oak trees with at least one trunk of six-inch diameter measured four feet above the ground, or multi-trunks with an aggregate diameter of eight inches or more were inventoried. In addition, native trees within the mixed riparian habitat with a canopy that crosses into the Study Area were inventoried. Those trees with a diameter of four inches or greater measured four feet above ground level were inventoried specifically for consultation with the California Department of Fish and Wildlife. No Trees in the Study Area are within public land. Therefore, no Public Trees were inventoried. See **Attachment E** for all survey results.

5.0 GENERAL SITE CONDITIONS AND HABITAT

The Study Area is a fallow lot with one vacant residence just east of Highway 99, as well as a small portion of an adjacent lot to the south where infrastructure improvements may be necessary. The Study Area is surrounded by high-density development. The Study Area is primarily comprised of grassland that is dominated by non-native annual grasses and fobs such as wild oat (*Avena fatua*), soft chess (*Bromus hordeaceus*), rip-gut brome (*Bromus diandrus*), medusa head grass (*Elymus caput-medusae*), filaree (*Erodium botrys*), winter vetch (*Vicia villosa*), and perennial ryegrass (*Festuca perennis*). Other species common within the annual grassland include field bindweed (*Convolvulus arvensis*), rose clover (*Trifolium hirtum*), turkey mullein (*Croton setiger*), prickly lettuce (*Lactuca serriola*), and narrow tarweed (*Holocarpha virgata*). In addition, the remnants of a residence are located within the northeast corner of the site. This area features a similar suite of vegetation as the annual grassland, with the addition of ruderal species such as Bermuda grass (*Cynodon dactylon*), wild radish (*Raphanus sativus*), and English plantain (*Plantago lanceolata*). Several planted exotic trees associated with the remnant residence also occur within this area. As noted in the preliminary arborist report, trees present in the area of the former residence include Brazilian pepper (*Schinus terebinthifolia*), Italian stone pine (*Pinus pinea*), Modesto ash (*Fraxinus velutina* 'Modesto'), sweetgum (*Liquidambar styraciflua*), and trees of the *Prunus* genera.

The Study Area terrain is generally flat at approximately 52 feet above mean sea level (MSL). With the exception of the area that formerly supported the rural residence and associated outbuildings, the area has historically been irrigated, plowed, and disked. No portion of the site is currently irrigated.

5.1 Soils

According to the Natural Resources Conservation Service (NRCS) Soil Survey Database (NRCS 2022), the Study Area contains two soil mapping units, Durixeralfs, 0 to 1% slopes (mapping unit 137) and San Joaquin silt loam, 0 to 1% slopes (mapping unit 213) (**Figure 3**). Durixeralfs is a well-drained soil occurring on basin floors on fan remnants. San Joaquin silt loam is a moderately deep, moderately well drained soil occurring on low terraces, with inclusions of shallow drainages and small depressions. Neither of these soil types is alkaline or saline.

5.2 Aquatic Resources

No aquatic resources were observed within the Study Area. Deadman Gulch flows just outside the Study Area boundaries to the north and east. **Figure 4** depicts the location of Deadman Gulch in relationship to the Study Area boundary.

5.2.1 Deadman Gulch

Deadman Gulch is adjacent to and outside the Study Area boundary. It is a perennial stream that supports typical riparian vegetation including sandbar willow (*Salix exigua*), Arroyo willow (*Salix lasiolepis*), Valley oak (*Quercus lobata*), Freemont's cottonwood (*Populus freemontii*), with an understory of Himalayan blackberry (*Rubus armeniacus*) and interior live oak (*Quercus wislizeni*). Deadman Gulch would also be considered a water of the state under the *State Policy for Water Quality Control: State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State* (State Board 2019, as revised) and any discharges of dredged or fill material would require authorization under Section 401 of the Clean Water Act and the Porter-Cologne Act.

5.3 Special Lands

The Study Area is not located within any of the following special designated lands:

- The Primary or Secondary Zone of the Legal Sacramento-San Joaquin Delta;
- Critical Habitat as proposed or designated by the USFWS; or
- USFWS Vernal Pool Core Recovery Areas.

The Project is within the SSHCP plan area and is thus subject to authorization under the SSHCP.

5.4 South Sacramento Habitat Conservation Plan Land Cover Types

The SSHCP includes baseline land cover types that may be present within the Study Area. The SSHCP baseline land cover types are derived from the interpretation of aerial photography and are intended as a general guide. Field reconnaissance by Madrone in March 2025 updated the baseline mapping, confirming that valley grassland is the dominant habitat-providing land cover type in the Study Area. Non-natural existing land covers include disturbed for the former rural residence, a small area of low-density development associated with an adjacent rural residence, and small portion of major road land cover for East Stockton Boulevard. **Table 1** summarizes the SSHCP baseline land cover types **(Figure 5**) and those observed by Madrone during field surveys (**Figure 6**). The Study Area totals 10.45 acres in size. A discussion of the existing land cover types follows.

Table 1. SSHCP Baseline and Existing Land Cover Types in the Study Area

Land Cover Type	SSHCP Baseline (acres)	Existing (acres)
High-Density Development	0.20	0.00
Low-Density Development	0.70	0.51
Major Roads	0.06	0.10
Mixed Riparian Scrub	0.13	0.11
Valley Grassland	9.36	9.73
Total	**10.45**	**10.45**

Summation errors occur as a result of rounding.

5.4.1 Low-Density Development

The SSHCP describes low density development as relatively sparse residences and other structures, such as farm buildings, and small rural neighborhoods with large individual property sizes per house. The SSHCP baseline map recorded 0.70 acre of this land cover type within the Study Area, all of it associated with the former rural residence in the western portion of the site. Madrone mapped approximately 0.51 acre consisting of the vacant residence as well as access roads and paved walking paths.

5.4.2 Major Roads

The SSHCP describes these areas as linear features with paved surfaces. This land cover type applies to approximately 0.10 acre of the Study Area that crosses into Stockton Boulevard (a frontage road to Highway 99). The SSHCP baseline records 0.06 acre of major road within the Study Area; Madrone classified approximately 0.10 acre of the area along East Stockton Boulevard as Major Roads during field surveys.

5.4.3 Mixed Riparian Scrub

The Mixed Riparian Scrub land cover type is described in the HCP as being interspersed with Mixed Riparian Woodland in the floodplains of waterways throughout Sacramento County. This land cover classification is dominated by a mixture of sandbar willow (*Salix exigua*), arroyo willow (*Salix lasiolepis*), red willow (*Salix*

laevigata), and immature stands of mixed riparian woodland tree species. Some Mixed Riparian Woodland communities support an understory of native and non-native species including wild rose (*Rosa* californica), wild grape (*Vitis californica*), perennial pepperweed (*Lepidium latifolium*), Himalayan blackberry (*Rubus armeniacus*), curly dock (*Rumex crispus*), and various non-native grasses. The SSHCP baseline records a small sliver (0.13 acre) of Mixed Riparian Scrub land cover along a portion of the northern Study Area boundary adjacent to Deadman's Gulch. Madrone mapped approximately 0.11 acre of Mixed Riparian Scrub land cover during the initial site visit as shown in **Figure 6.**

5.4.4 Valley Grassland

The SSHCP defines the valley grassland land cover type as an annual herbaceous plant community characterized by naturalized annual grasses and forbs. Naturalized annual grasses that dominate the valley grassland land cover include wild oats (*Avena fatua*), soft chess (*Bromus hordeaceus*), ripgut brome (*Bromus diandrus*), red brome (*Bromus madritensis* ssp. *rubens*), wild barley (*Hordeum* spp.), and foxtail fescue (*Vulpia myuros*). Common herbaceous forbs include stork's bill (*Erodium botrys*), red-stem filaree (*Erodium cicutarium*), turkey mullein (*Croton setigarus*), true clovers (*Trifolium* spp.), and bur clover (*Medicago polymorpha*). The SSHCP baseline map records approximately 9.36 acres (the majority of the 10.45-acre Study Area) of valley grassland within the Study Area. Madrone mapped approximately 9.73 acres of this terrestrial land cover type during field surveys.

The valley grassland land cover provides suitable habitat for SSHCP covered species (**Table 2**). The Study Area for the Sheffield Subdivision does not contain aquatic resources, but is adjacent to a Deadman Gulch, an aquatic resource. The Study Area therefore could provide habitat for some portion of the life cycle of special status species that require aquatic resources for a portion of their life cycle.

6.0 RESULTS

Table 2 provides a list of special-status species that were evaluated for the Study Area, including each species' listing status, habitat associations, and potential to occur in the Study Area. The following criteria were used to determine each species' potential for occurrence:

- Present: Species occurs on the site based on CNDDB records, and/or was observed on the site during field surveys.
- High: The site is within the known range of the species and suitable habitat exists.
- Moderate: The site is within the known range of the species and very limited suitable habitat exists.
- Low: The site is within the known range of the species and there is marginally suitable habitat, or the species was not observed during protocol-level surveys conducted on-site.
- No Habitat Present: The site does not contain suitable habitat for the species, or the site is outside the known range of the species.

Figure 2 shows the CNDDB occurrences of special-status species within five miles of the Study Area (CNDDB 2025). The following discussion focuses on special-status plant and animal species that have potential to occur within the Study Area.

Table 2. Special-Status Species with Potential to Occur within the Sheffield Subdivision Study Area					
Scientific Name (Common Name)	**Federal Status**	**State Status**	**SSHCP Modeled Habitat in Study Area**	**Habitat Requirements**	**Potential for Occurrence**
Plants					
Brasenia schreberi Watershield	–	CRPR 2B.3	–	Freshwater marshes and swamps.	**No Habitat Present.** Site lacks freshwater marshes and swamps.
Calycadenia spicata Spicate calycadenia	–	CRPR 1B.3	–	Clay, disturbed, gravely, and rocky areas in cismontaine woodland and valley and foothill grassland from 130-4,600 feet in elevation.	**No Habitat Present.** The site is outside of the elevational range for the species.
Carex comosa Bristly sedge	–	CNPR 2B.1	–	Freshwater marshes along lake edges and riparian areas.	**No Habitat Present.** Site lacks freshwater marshes, swamps, lakes, and riparian zones.
Castilleja campestris var. *succlentia* Succulent owl's clover	FT	CE	–	Vernal pools.	**No Habitat Present.** Site lacks vernal pools.
Cicuta maculata var. *bolanderi* Bolander's water-hemlock	–	CRPR 2B.1	–	Brackish or freshwater marshes and swamps.	**No Habitat Present.** Site lacks brackish or freshwater marshes and swamps.
Cuscuta obtusiflora var. *glandulosa* Peruvian dodder	–	CRPR 2B.2	–	Fresh water marshes and swamps.	**No Habitat Present.** Site lacks freshwater marshes and swamps.
Downingia pusilla **Dwarf downingia**	–	CRPR 2B.2	No	Vernal pools.	**No Habitat Present.** Site lacks vernal pools.
Gratiola heterosepala **Boggs Lake hedge-hyssop**	–	SE, CRPR 1B.2	No	Vernal pools and margins of lakes/ponds.	**No Habitat Present.** Site lacks vernal pools.
Hibiscus lasiocarpos var. *occidentalis* Woolly rose-mallow	–	CRPR 1B.2	–	Freshwater marshes and swamps.	**No Habitat Present.** Site lacks freshwater marshes and swamps.
Juncus leiospermus* var. *ahartii **Ahart's dwarf rush**	–	CRPR 1B.2	No	Vernal pools at 100-750 feet.	**No Habitat Present.** Site lacks vernal pools.

Table 2. Special-Status Species with Potential to Occur within the Sheffield Subdivision Study Area					
Scientific Name (Common Name)	**Federal Status**	**State Status**	**SSHCP Modeled Habitat in Study Area**	**Habitat Requirements**	**Potential for Occurrence**
Lasthenia chrysantha Alkali-sink goldfields	–	CRPR 1B.1	–	Vernal pools on alkaline soils and wet saline flats.	**No Habitat Present.** Site lacks alkaline soils.
Lathyrus jepsonii var. *jepsonii* Delta tule pea	–	CRPR 1B.2	–	Freshwater or brackish marshes and swamps at or below 15 feet.	**No Habitat Present.** Site lacks freshwater marshes and swamps.
Legenere limosa **Legenere**	–	CRPR 1B.1	No	Vernal pools.	**No Habitat Present.** Site lacks vernal pools.
Lepidium latipes var. *heckardii* Heckard's pepper-grass	–	CRPR 1B.2	–	Valley and foothill grasslands with alkaline soils.	**No Habitat Present.** Site lacks alkaline soils.
Lilaeopsis masonii Mason's lilaeopsis	–	SR, CRPR 1B.1	–	Brackish or freshwater swamps, intertidal marshes, and riparian scrub at or below 35 feet.	**No Habitat Present.** The site lacks the required habitats to support this species and is outside of its elevational range.
Limosella australis Delta mudwort	–	CRPR 2B.1	–	Favors freshwater and brackish marshes, swamps, or riparian scrub. Usually found in association with muddy banks in the Delta.	**No Habitat Present.** The site lacks the required habitats to support this species.
Navarretia myersii **ssp. *myersii*** **Pincushion navarretia**	–	CRPR 1B.1	No	Vernal pools.	**No Habitat Present.** The site lacks vernal pools.
Orcuttia tenuis **Slender Orcutt grass**	FT	SE, CRPR 1B.1	No	Vernal pools at elevations ranging from approximately 115 to 5,775 feet.	**No Habitat Present.** The site lacks vernal pools.
Orcuttia viscida **Sacramento Orcutt grass**	FE	SE, CRPR 1B.1	No	Vernal pools at elevations ranging from approximately 95 to 330 feet.	**No Habitat Present.** The site lacks vernal pools.
Sagittaria sanfordii **Sanford's arrowhead**	–	CRPR 1B.2	Yes	Emergent marsh habitat, typically associated with drainages, canals, or irrigation ditches.	**No Habitat Present.** Site lacks freshwater marshes.
Scutellaria galericulata Marsh skullcap	–	CRPR 2B.2	–	Freshwater marshes, wet meadows and seeps.	**No Habitat Present.** Site lacks freshwater marshes, wet meadows, and seeps.

Table 2. Special-Status Species with Potential to Occur within the Sheffield Subdivision Study Area					
Scientific Name (Common Name)	**Federal Status**	**State Status**	**SSHCP Modeled Habitat in Study Area**	**Habitat Requirements**	**Potential for Occurrence**
Scutellaria lateriflora Side-flowering skullcap	–	CRPR 2B.2	–	Freshwater marshes, wet meadows and seeps.	**No Habitat Present.** Site lacks freshwater marshes, wet meadows, and seeps.
Symphyotrichum lentum Suisun Marsh aster	–	CRPR 1B.2	–	Freshwater and brackish marsh.	**No Habitat Present.** Site lacks marsh habitat.
Trifolium hydrophilum Saline clover	–	CRPR 1B.2	–	Grows in salt marshes, swamps, and vernal pools with alkaline soils.	**No Habitat Present.** Site lacks alkaline soils.
Invertebrates					
Bombus crotchii Crotch bumble bee	–	SC	–	Occurs in open grasslands and scrub habitats. Nests and overwinters mainly within rodent burrows, including ground squirrel burrows.	**Moderate.** Limited small rodent burrows are present within the annual grasslands on-site and provide potential nesting habitat. The annual grasslands provide seasonal foraging habitat for this species.
Branchinecta lynchi **Vernal pool fairy shrimp**	FT	–	No	Vernal pools or other seasonal wetlands.	**No Habitat Present.** Site lacks vernal pools.
Branchinecta mesovallensis **Midvalley fairy shrimp**	–	–	No	Vernal pools or other seasonal wetlands.	**No Habitat Present.** Site lacks vernal pools.
Danaus plexippus Monarch butterfly	FC	–	–	Migratory species found throughout California spring through early fall, and along the immediate central and southern California coast year-round. Nectars on numerous floral resources, but is dependent upon milkweed (*Asclepias* species) plants as their exclusive larval host.	**Low.** No milkweed was observed within the Study Area, however the survey was not conducted during the bloom period for this plant. If milkweed occurs, it could provide marginal potential habitat for this species.
Desmocerus californicus dimorphus **Valley elderberry longhorn beetle**	FT	–	Yes	Dependent upon elderberry *(Sambucus* species) shrubs as primary host species.	**No Habitat Present.** No elderberry shrubs are present in or adjacent to the Study Area.

Table 2. Special-Status Species with Potential to Occur within the Sheffield Subdivision Study Area					
Scientific Name (Common Name)	**Federal Status**	**State Status**	**SSHCP Modeled Habitat in Study Area**	**Habitat Requirements**	**Potential for Occurrence**
***Hydrochara ricksecker*i** **Ricksecker's water scavenger beetle**	–	–	No	Vernal pools or other seasonal wetlands.	**No Habitat Present.** No vernal pools or seasonal wetlands are within the Study Area.
Lepidurus packardi **Vernal pool tadpole shrimp**	FE	–	Yes	Vernal pools or other seasonal wetlands.	**No Habitat Present.** The site lacks vernal pools or other seasonal wetlands.
Amphibians					
Ambystoma californiense **California tiger salamander**	FT	ST	Yes	Breeds in ponds or other deeply ponded wetlands and uses gopher holes and ground squirrel burrows in adjacent grasslands for upland refugia/foraging.	**No Habitat Present.** The Study Area contains limited small mammal burrows that could be utilized as upland refugia/foraging. Historic habitat for this species to the east of the site was impacted by the Cedar Flats project.
Rana boylii Foothill yellow-legged frog – South Sierra DPS	FE	CE	–	Prefers clear and rocky streams and rivers with open banks in wooded areas.	**No Habitat Present.** There is no suitable stream or river habitat for this species within the Study Area or within the greater region.
Spea hammondii **Western spadefoot**	PT	CSC	Yes (foraging)	Breeds in vernal pools, seasonal wetlands and associated swales. Forages and hibernates in adjacent grasslands.	**No Habitat Present.** The Study Area does not contain vernal pools seasonal wetlands or swales. Historic habitat for this species to the east of the site was impacted by the Cedar Flats project.
Reptiles					
Actinemys marmorata **Northwestern pond turtle** ***(formerly western pond turtle)***	PT	CSC	Yes (upland)	Ponds, rivers, streams, wetlands, and irrigation ditches with associated marsh habitat.	**Low.** The Study Area does not contain suitable aquatic habitat, however the upland areas within the Study Area could be utilized for nesting due to presence of aquatic habitat off-site along Deadman Gulch.
Thamnophis gigas **Giant garter snake**	FT	ST	Yes	Rivers, canals, irrigation ditches, rice fields, and other aquatic habitats with slow moving water and heavy emergent vegetation.	**Low.** The Study Area does not contain suitable aquatic habitat, however the upland areas within the Study Area could be utilized by this species due to presence of aquatic habitat off-site along Deadman Gulch

Table 2. Special-Status Species with Potential to Occur within the Sheffield Subdivision Study Area					
Scientific Name (Common Name)	**Federal Status**	**State Status**	**SSHCP Modeled Habitat in Study Area**	**Habitat Requirements**	**Potential for Occurrence**
Birds					
Accipiter cooperi **Cooper's hawk**	–	CSC	Yes	Favors forested and riparian habitats, as well as residential areas; may forage in adjacent grassland and agricultural fields.	**Low.** The Study Area is not located in or adjacent to a forested parcel; however, the trees associated with the riparian woodland as well as adjacent rural residences, provide marginal potential habitat for this species. The species was not observed during surveys of the Study Area.
Agelaius tricolor **Tricolored blackbird**	–	SE, CSC	Yes (foraging and nesting)	Colonial nester in cattails, bulrush, or blackberries associated with marsh habitats.	**Low.** marginal foraging habitat is present in the Study Area. No suitable nesting habitat is present in or within 500 feet of the Study Area.
Antigone canadensis tabida **Greater sandhill crane** (formerly *Grus canadensis tabida*)	–	ST, CFP	Yes	Winters in California generally arriving in the Central Valley in October before migrating north to breed in February. Winter foraging habitats include grasslands, grain fields and other open agricultural lands, and wetlands.	**Low (foraging).** The Study Area and areas within 0.5 mile do not provide suitable roosting habitat for this species, but it could use the area for foraging in the winter.
Athene cunicularia **Western burrowing owl**	–	CSC	Yes (wintering)	Nests in abandoned ground squirrel burrows, culverts, and debris piles associated with open grassland habitats.	**Moderate.** Site conditions provide poor nesting habitat (thatchy, tall vegetation and lack of small mammal burrows). Species may forage on-site and/or use refugia present during the winter months.
Buteo regalis **Ferruginous hawk**	–	CSC	Yes (foraging)	A wintering species in California. Forages in open areas such as grasslands and fields for ground squirrels as well as other small mammals, birds, lizards, snakes, and rabbits.	**Moderate (foraging).** Suitable winter foraging habitat is present in the Study Area, however the Study Area is surrounded by development making it less likely to be utilized by this species.

Table 2. Special-Status Species with Potential to Occur within the Sheffield Subdivision Study Area					
Scientific Name (Common Name)	**Federal Status**	**State Status**	**SSHCP Modeled Habitat in Study Area**	**Habitat Requirements**	**Potential for Occurrence**
Buteo swainsoni **Swainson's hawk**	–	ST	Yes (nesting and foraging)	Open grasslands, fields, and meadows are used for foraging. Isolated trees in close proximity to foraging habitat are used for perching and nesting.	**Moderate (foraging).** The Study Area provides suitable foraging habitat. Trees associated with the riparian woodland and within 0.25-mile may provide suitable nesting habitat.
Circus hudsonius **Northern harrier** *(formerly Circus cyaneus)*	–	CSC	Yes (nesting and foraging)	Nests on the ground or in low shrubs in emergent wetland/marsh, open grasslands, or savannah habitats. Forages in open areas such as marshes, agricultural fields, and grasslands.	**Moderate.** Grasslands throughout the Study Area generally support suitable foraging habitat; however, the site is small and surrounded by development making it less likely to be utilized as nesting habitat.
Elanus leucurus **White-tailed kite**	–	CFP	Yes (nesting and foraging)	Open grasslands, fields, and meadows are used for foraging. Isolated trees in close proximity to foraging habitat are used for perching and nesting.	**Moderate.** Species could utilize the grasslands within the Study Area as foraging habitat. Trees associated with the riparian woodland and within 0.25-mile may provide suitable nesting habitat.
Lanius ludovicianus **Loggerhead shrike**	–	CSC	Yes (nesting and foraging)	Occurs in open areas with sparse trees, shrubs, and other perches.	**Moderate.** Study Area provides moderate foraging habitat and trees and shrubs in and adjacent to the site may provide suitable nesting habitat.
Melospiza melodia mailliardi Modesto song sparrow	--	CSC	–	Has an affinity for emergent freshwater marshes dominated by tules (*Scirpus* spp.) and cattails (*Typha* spp.) as well as riparian willow (*Salix* spp.) thickets and riparian forests.	**No Habitat Present.** No freshwater wetlands or early successional riparian thickets present, and the Study Area may be outside of the known range of the species.

Table 2. Special-Status Species with Potential to Occur within the Sheffield Subdivision Study Area					
Scientific Name (Common Name)	**Federal Status**	**State Status**	**SSHCP Modeled Habitat in Study Area**	**Habitat Requirements**	**Potential for Occurrence**
Mammals					
Antrozous pallidus Pallid bat	–	CSC, WBWG H	–	Roosts in crevices in rocky outcrops and cliffs, caves, mines, trees (e.g., basal hollows of coast redwoods and giant sequoias, bole cavities of oaks, exfoliating bark, deciduous trees in riparian areas, and fruit trees in orchards), bridges, barns, porches, bat boxes, and human-occupied as well as vacant buildings.	**Moderate.** There are no rocky outcrops or cliffs, caves, or mines within the Study Area. The abandoned home in the northwest portion of the Study Area could be utilized by this species for roosting. The trees within and adjacent to the Study Area lack substantial bark exfoliation and recesses to support roosting.
Corynorhinus townsendii townsendii Townsend's big-eared bat	–	CSC, WBWG H	–	Roosts in caves and cave analogues, such as abandoned mines, buildings, bridges, rock crevices and large basal hollows of coast redwoods and giant sequoias. Extremely sensitive to human disturbance.	**No Habitat Present.** There are no caves or cave analogues or suitable trees within or adjacent to the Study Area.
Lasionycteris noctivagans Silver-haired bat	–	WBWG M	–	Roosts in abandoned woodpecker holes, under bark, and occasionally in rock crevices. It forages in open wooded areas near water features.	**Low.** There are no rock crevices within the Study Area. Trees within and adjacent to the Study Area lack substantial bark exfoliation, however woodpecker holes in the mixed riparian scrub could support roosting. Study Area is not proximate to preferred foraging habitat.

Table 2. Special-Status Species with Potential to Occur within the Sheffield Subdivision Study Area					
Scientific Name (Common Name)	**Federal Status**	**State Status**	**SSHCP Modeled Habitat in Study Area**	**Habitat Requirements**	**Potential for Occurrence**
Lasiurus blossevillii **Western red bat**	–	CSC, WBWG H	Yes (foraging)	Roosts primarily in the foliage of trees or shrubs. Day roosts are commonly in edge habitats adjacent to streams or open fields, in orchards, and sometimes in urban areas. There may be an association with intact riparian habitat (particularly willows, cottonwoods, and sycamores) though they are also associated with oaks and walnut trees.	**Low.** The riparian woodland trees adjacent to the northern portion of the site provide marginal potential roosting habitat, though no riparian woodland habitat is present on-site.
Lasiurus cinereus Hoary bat	–	WBWG M	–	Roosts primarily in foliage of both coniferous and deciduous trees at the edges of clearings.	**Moderate.** The trees within and adjacent to the Study Area provide marginal potential roosting habitat.
Taxidea taxus **American badger**	–	CSC	Yes	This species prefers dry open fields, grasslands, and pastures.	**Low.** The annual grassland throughout the Study Area and adjacent areas provides suitable habitat for this species. However, the site is surrounded by urban development and is regularly utilized by people. No suitable burrows have been observed on-site.

Species names in **bold** denotes SSHCP Covered Species

Status Codes:

SE - State Endangered
SR - State Rare
ST - State Threatened
SC - State Candidate for Listing
CFP - CDFW Fully Protected
CSC - State Species of Special Concern
CRPR - California Rare Plant Rank
FE - Federally Endangered
FT - Federally Threatened
PT – Proposed for Federal Listing as Threatened
WBWG M - Western Bat Working Group Medium Threat Rank
WBWG H - Western Bat Working Group High Threat Rank

6.1 Invertebrates

6.1.1 Crotch Bumble Bee

Crotch bumble bee (*Bombus crotchii*) is not federally listed but is a candidate for listing under CESA. The historic range of this species extends from central California south to Baja California del Norte, Mexico, and includes coastal areas east to the edges of the deserts and the Central Valley but largely excluding mountainous areas of California (Thorp et al., 1983, Williams et al. 2014). Recent observations indicate declines in both relative abundance and persistence (IUCN 2023). This species was historically common in the Central Valley of California, but now appears to be absent from most of it, especially in the center of its historic range (Hatfield et al. 2014).

In California, this species inhabits open grasslands and scrub habitats. Like most bumble bees, Crotch bumble bee may nest underground in abandoned rodent nests or above ground in tufts of grass, old bird nests, rock piles, or cavities in dead trees. Bumble bees are generalist foragers and have been reported visiting a wide variety of flowering plants. They require plants that bloom and provide adequate nectar and pollen throughout the colony's life cycle, which is generally from March to August for Crotch bumble bee (IUCN 2023).

There is a moderate potential for Crotch bumble bee to occur within the Study Area. Crotch bumble bee has not been documented within the Study Area. However, the Study Area supports limited small rodent burrows which could provide potential nesting habitat for this species, and non-disked portions of the grasslands on-site provide seasonal foraging habitat. The nearest recorded observation of Crotch bumble bee in the Bumble Bee Watch database is about 1.5 miles southeast of the Study Area.

6.1.2 Monarch

The monarch butterfly (*Danaus plexippus*) is a FESA candidate species. It is a large conspicuous species that occurs in North, Central, and South America; Australia; New Zealand; islands of the Pacific and Caribbean, and elsewhere (Malcolm and Zalucki 1993 in USFWS 2020). During the breeding season, monarchs lay their eggs on their obligate milkweed host plant (*Asclepias* spp.), and larvae emerge after two to five days (Zalucki 1982 in USFWS 2020). Larvae develop over a period of 9 to 18 days, feeding on the milkweed and then pupate into chrysalis before eclosing 6 to 14 days later as an adult butterfly (USFWS 2020). Multiple generations of monarchs are produced during the breeding season, with most adult butterflies living approximately two to five weeks (USFWS 2020).

In western and eastern North America, overwintering adults enter into reproductive diapause (suspended reproduction) and live six to nine months (Cockrell et al. 1993 in USFWS 2020). In the fall, monarchs begin migrating to their overwintering sites. Migratory individuals in western North America generally fly south and west to overwintering groves along the California coast into northern Baja California (Solensky 2004 in USFWS 2020).

In California, monarchs both continue to occupy and breed in areas near their overwintering sites throughout the year, as well as dispersing over multiple generations to occupy and breed throughout the state in the spring through fall (USFWS 2020). Migrating monarchs in western North America tend to occur more frequently near water sources such as rivers, creeks, roadside ditches, and irrigated gardens (Morris et al. 2015 in USFWS 2020). Adult monarch butterflies require a diversity of blooming nectar resources during breeding and migration (spring through fall). Monarchs also need milkweed (for both oviposition and larval feeding) embedded within this diverse nectaring habitat.

There is low potential for the monarch butterfly to occur in the Study Area. No milkweed (host plant of the monarch) were observed within the Study Area however the survey was not conducted during the appropriate bloom time for milkweed. The CNDDB does not track monarch breeding, but a query of the Western Monarch Milkweed Database did not show any observation of monarch breeding within five miles of the Study Area (WMMM 2025). No monarch butterflies were observed during the field surveys.

6.2 Reptiles

6.2.1 Northwestern Pond Turtle

No suitable aquatic habitat is within the Study Area for the northwestern pond turtle. Deadman's Gulch flows adjacent to the eastern and northern boundaries of the Study Area and has marginal aquatic habitat, water is present only during the wet season, that could be utilized as dispersal habitat when water is present.

The potential for the northwestern pond turtle to occur in the Study Area is low. The nearest occurrence (CNDDB Occurrence 180) is located approximately 3.36 miles from the Study Area, to the north (CNDDB 2025). No northwestern pond turtles were observed during the site visits.

6.2.2 Giant Garter Snake

No suitable aquatic habitat is within the Study Area for the giant garter snake. Deadman's Gulch flows adjacent to the eastern and northern boundaries of the Study Area and has marginal aquatic habitat that could be utilized as dispersal habitat for giant garter snake.

The potential for the giant garter snake to occur in the Study Area is low. Deadman Gulch lacks heavy emergent vegetation and water is only present for a short duration during the GGS active season (April to November). In addition, Deadman Gulch does not provide a sustained food source during the active season. The nearest occurrence (CNDDB Occurrence 77) is located approximately 3.36 miles from the Study Area to the northwest (CNDDB 2025). This species was not observed during the site visits.

6.3 Birds

6.3.1 Cooper's Hawk

Cooper's hawk (*Accipiter cooperi*) is listed by CDFW as a species of special concern. This raptor is an ambush predator that prefers to forage in or near wooded locations for birds, domestic poultry, and small mammals. Unlike falcons which use their beaks, Cooper's hawks subdue prey by continuously squeezing them with their talons. This species has also been observed on occasion drowning captured prey in water. Cooper's hawks prefer tree nesting in wooded areas typically 10 to 60 feet above ground level, although they can occur in residential areas with tree cover. Over the past 20 years, Cooper's hawk populations have increased, and range expansions have been observed, especially in the form of breeding birds colonizing urban and suburban areas (*Curtis and Rosenfield 2006* as cited in Chiang et al. 2012).

The potential for Cooper's hawk to occur in the Study Area is low. The Mixed Riparian Scrub is sparse and does not provide ideal nesting habitat for Cooper's hwak. The Valley Grassland habitat is relatively small and is surrounded by residential developments on three sides and Highway 99 on the fourth side isolating it from other foraging habitat in the area. No CNDDB occurrence of this species are within five miles of the Study Area. Cornell Lab's eBird database however lists several occurrences within five miles of the Study Area, including one from December 2024 approximately 200 feet north of the Study Area (Cornell Lab 2025).

6.3.2 Tricolored Blackbird

Tricolored blackbird (*Agelaius tricolor*) populations, which are currently in decline throughout the state, were listed as threatened under the CESA by the California Fish and Game Commission on 19 April 2018. It is also a SSHCP covered species. Historically, colonies were established in freshwater marshes dominated by cattails (*Typha* spp.) and bulrushes (*Scirpus* or *Schoenoplectus* spp.). More recently, they have utilized non-native mustards (*Brassica* spp.), blackberries (*Rubus* spp.), thistles (*Cirsium* spp.), and mallows (*Malva* spp.) as nesting substrate. Since the 1980s, the largest colonies have been observed in the San Joaquin Valley in cultivated fields of triticale, which is a hybrid of wheat and rye often grown as livestock fodder. This current trend of nesting in active agricultural fields has further imperiled the species as nestlings typically have not fledged by the time the triticale is harvested.

The potential for tricolored blackbird to occur in the Study Area is low. The Study Area does not contain nesting habitat for this species, and there are no CNDDB documented occurrences within five miles of the Study Area. Nesting habitat occurs approximately 500 feet north of the Study Area along the more natural stretches of Deadman's Gulch. Cornell Lab's eBird database lists several occurrences within five miles of the Study Area. The most recent occurrence is from March 2025 approximately 0.14 mile northwest of the Study Area where a nesting colony was observed (Cornell Lab 2025). The valley grassland within the Study Area could provide marginal foraging habitat for tricolored blackbird.

6.3.3 Greater Sandhill Crane

Greater sandhill crane (*Antigone canadensis tabida*) is not listed under FESA but is listed as threatened under CESA, is a CDFW fully protected species, and is a SSHCP covered species. This species is a winter visitor to the central valley and uses open agricultural habitats, natural vegetation communities, and seasonally managed wetlands for foraging. After the onset of winter rains, sandhill cranes begin foraging for invertebrates by probing soils in grassland habitats and overturning cattle dung and hunting for mice in taller grassland vegetation (Littlefield and Ivey 2000). This species appears to avoid grassland habitats when vegetation exceeds 10 inches (25 centimeters). Grain is an important component to the sandhill crane's diet and as such agricultural habitat types are frequently utilized as foraging habitat (Sacramento County et al. 2019). Roosting areas are located in shallowly flooded areas where cranes loaf during the day and seek protection from terrestrial predators at night. Although they will select sites with emergent vegetation along the periphery of the wetland, sandhill cranes rarely use roosts with heavy emergent vegetation (Littlefield and Ivey 2000).

The potential for greater sandhill crane to occur in the Study Area is low. The CNDDB does not list any occurrences of greater sandhill crane within five miles of the Study Area, and the species has not been observed on-site. The Study Area provides low quality foraging habitat for greater sandhill crane but does not provide roosting habitat as there are no aquatic resources within the site and the adjacent Deadman's Gulch does not have preferred emergent vegetation cover.

6.3.4 Western Burrowing Owl

Western burrowing owl (*Athene cunicularia*) is not listed pursuant to either the California or federal Endangered Species Acts; however, it is designated as a species of special concern by the CDFW and is a SSHCP covered species. This species typically inhabits dry open rolling hills, grasslands, desert floors, and open bare ground with gullies and arroyos. It typically uses burrows created by fossorial mammals, most notably the California ground squirrel, but may also use man-made structures such as culverts; cement, asphalt, or wood debris piles; or openings beneath cement or asphalt pavement. The breeding season extends from February 1 through August 31 (CBOC 1993, CDFW 2012).

This species was not observed during the March surveys. Neither survey detected evidence of western burrowing owl use of the area. The habitat is poor; vegetation across the site is robust and thatchy, often exceeding 18 inches in height, which discourages use by western burrowing owls because it reduces the species' ability to detect predators while on the ground. The site lacks large numbers of small mammal burrows, but debris associated with the residence in the northwestern portion of the Study Area could provide refugia for western burrowing owls.

The potential for western burrowing owl to occur within the Study Area is moderate. No appropriate sized potential burrows were observed and tall vegetation is not ideal for western burrowing owl. There is one documented occurrences of western burrowing owl within five miles of the Study Area (**Figure 2**). The nearest occurrence (CNDDB Occurrence 1954) is located approximately 4.64 miles from the Study Area, to the north (CNDDB 2025). No individuals or burrows were observed during the field visits.

6.3.5 Ferruginous Hawk

The ferruginous hawk (*Buteo regalis*) is a SSHCP covered species. This large raptor winters in California from August or September to February or early March, during which it forages in grasslands, agricultural land, or other open areas. Favored prey primarily includes rabbits, ground squirrels or other small mammals, though they have been known to feed on birds, reptiles, and large insects. During the winter, this large powerful buteo is relatively common throughout most of the state with the exception of the northwestern and northeastern corners of California. The breeding range in the U.S. extends from east of the Rocky Mountains to the Great Plains.

There is moderate potential for Ferruginous hawk to occur in the Study Area. However, no CNDDB occurrence of this species are within five miles of the Study Area. Cornell Lab's eBird database shows a few sightings within five miles of the Study Area. The most recent occurrence is from 2020 approximately one mile south of the Study Area. (Cornell Lab 2025).

6.3.6 Swainson's Hawk

Swainson's hawk (*Buteo swainsoni*) is listed as threatened under CESA and is classified as a SSHCP covered species. Breeding pairs typically nest in tall trees associated with riparian corridors, and forage in grassland, irrigated pasture, and cropland with a high density of rodents. The Central Valley populations breed and nest in the late spring through early summer before migrating to Central and South America for the winter (Shuford and Gardali 2008).

The potential for Swainson's hawk to occur within the Study Area is moderate. The SSHCP modeled species habitat data show that the site provides suitable foraging habitat and trees within 0.25 miles provide suitable nesting habitat. Numerous CNDDB occurrences are within five miles of the Study Area with the closest occurrence being one mile south of the Study Area (CNDDB Occurrence 2271). The Study Area supports several trees large enough to accommodate nesting Swainson's hawks and annual grassland in and near the Study Area provides suitable foraging habitat. No Swainson's hawks were observed during the field visits which were conducted outside of the active season for the species.

6.3.7 Northern Harrier

The northern harrier (*Circus hudsonius*) is categorized as a species of special concern by the CDFW and a covered species under the SSHCP. This raptor is known to nest within the Central Valley, along the Pacific Coast, and in northeastern California. It is a ground nesting species, and typically utilizes emergent wetland/marsh, open grasslands, or savannah habitats. Foraging occurs within a variety of open habitats such as marshes, agricultural fields, and grasslands (Shuford and Gardali 2008).

There is a moderate potential for northern harrier to occur withing the Study Area. The CNDDB does not list any occurrences of this species within five miles of the Study Area, probably due to lack of reporting rather than scarcity of the species. Cornell Lab's eBird database shows several sightings within five miles of

the Study Area, with a recent sighting in January, 2025 approximately two miles northwest of the Study Area (Cornell Lab 2024), The annual grassland available within the parcel is a small (approximately 10 acres) area surrounded by urban development and a major highway (Highway 99). Nevertheless, it provides low quality foraging and nesting habitat for this species.

6.3.8 White-Tailed Kite

White-tailed kite (Elanus leucurus) is a CDFW fully protected species and a covered species under the SSHCP. This species is a year-round resident in the Central Valley and is primarily found in or near foraging areas such as open grasslands, meadows, farmlands, savannahs, and emergent wetlands. White-tailed kites typically nest from March through June in trees within riparian, oak woodland, and savannah habitats of the Central Valley and Coast Range (Shuford and Gardali 2008).

There is moderate potential for white-tailed kite to occur in the Study Area. Suitable nest trees are present in and within 0.25-mile of the Study Area. No CNDDB occurrences are within five miles of the Study Area, probably due to lack of reporting rather than scarcity of the species. Cornell Lab's eBird database lists numerous recent occurrences within five miles of the Study Area, including one from April 2025 just north of the Study Area (Cornell Lab 2025).

6.3.9 Loggerhead Shrike

The loggerhead shrike (*Lanius ludovicianus*) is a CDFW species of special concern and a SSHCP covered species. Loggerhead shrikes nest in small trees and shrubs in woodland and savannah vegetation communities, and forage in open habitats throughout California (Shuford and Gardali 2008). The nesting season ranges from March through June.

Loggerhead shrike has a moderate potential to occur within the Study Area. Valley grassland land cover within the Study Area provides foraging habitat and surrounding areas provide suitable perching and nesting habitat for this species. The CNDDB does not list any occurrences of this species within five miles of the Study Area, probably due to lack of reporting rather than scarcity of the species. Cornell Lab's eBird shows a 2024 occurrence approximately one mile to the north of the Study Area at Twin Cities Road. (Cornell Lab 2025).

6.4 Mammals

6.4.1 Pallid Bat

Pallid bat (*Antrozous pallidus*) is not federally or state listed but is identified as a high priority species by the WBWG (WBWG 2024). This species roosts in crevices in rocky outcrops and cliffs, caves, mines, trees (e.g., basal hollows of coast redwoods and giant sequoias, bole cavities of oaks, exfoliating bark, deciduous trees in riparian areas, and fruit trees in orchards), bridges, barns, porches, bat boxes, and human-occupied as well as vacant buildings.

Pallid bat has a moderate potential to occur in the Study Area. Exfoliating bark on trees within and adjacent to the Study Area provide moderate potential roosting habitat for this species. The CNDDB and iNaturalist do not list any occurrences of this species within five miles of the Study Area.

6.4.2 Silver-Haired Bat

Silver-haired bat (*Lasionycteris noctivagans*) is not federally or state listed but is identified as a medium priority species by the WBWG (WBWG 2024). Though it is primarily a forest-dwelling species, silver-haired bat has been recorded in Sacramento County. This species roosts in hollow trees, snags, buildings, rock crevices, caves, and under bark.

Silver-haired bat has a low potential to occur within the Study Area. There are no rock crevices within the Study Area. Trees within and adjacent to the Study Area lack substantial bark exfoliation, however woodpecker holes in the mixed riparian scrub and the abandoned residence could support roosting. The Study Area is not proximate to preferred foraging habitat (open woodland habitat near streams).. The CNDDB and iNaturalist do not list any occurrences of this species within five miles of the Study Area.

6.4.3 Western Red Bat

Western red bat (*Lasiurus blossevillii*) is not federally or state listed, but is considered a CDFW species of special concern, is classified by the WBWG as a high priority species, and is a SSHCP covered species. Western red bat is typically solitary, roosting primarily in the foliage of trees or shrubs (WBWG 2024). Day roosts are commonly in edge habitats adjacent to streams or open fields, in orchards, and sometimes in urban areas. There may be an association with intact riparian habitat (particularly willows, cottonwoods, and sycamores) (WBWG 2025).

There is a low potential for the western red bat to occur within the Study Area. The Study Area provides modeled foraging habitat for this species. Riparian woodland habitat adjacent to the eastern and northern Study Area boundary provide marginal potential roosting habitat for this species. The CNDDB and iNaturalist do not list any occurrences of this species within five miles of the Study Area.

6.4.4 Hoary Bat

Hoary bat (*Lasiurus cinereus*) is not federally or state listed but is identified as a medium priority species by the WBWG (WBWG 2024). It is the most widespread North American bat species and can be found in any location in California. This solitary species primarily roosts in dense foliage of medium to large trees. Preferred roosting sites are hidden from above, with few branches below, and have a ground cover of low reflectivity. Hoary bat prefers open habitats or habitat mosaics, with access to trees for cover and open areas or habitat edges for feeding.

Trees within and adjacent to the Study Area provide moderate potential roosting habitat for this species. The CNDDB and iNaturalist do not list any occurrences of this species within five miles of the Study Area.

6.4.5 American Badger

American badger (*Taxidea taxus*) is a CDFW species of special concern and a SSHCP covered species. This burrowing carnivorous mammal is solitary and very territorial, and hunts small mammals, lizards, snakes, and insects. It has no known natural enemies and inhabits dry, open fields, grasslands, and pastures.

The American badger has a low potential to occur within the Study Area. No CNDDB occurrences of this species are within five miles of the Study Area. The grasslands within the Study Area provide suitable foraging habitat for this species; however, the site lacks large mammal dens typical for this species. In addition, the Study Area is surrounded by urban development, reducing the likelihood that it would be utilized by American badger.

6.7 Protected Trees

An inventory of trees that meet the definitions of "Heritage Oaks" or "Public Trees" (**Section 3.3.4**) were mapped within the Study Area (**Figure 7**). A total of 26 valley oak trees and one interior live oak tree were mapped within the Study Area. No trees meeting the definition of "Public Trees" occur within the Study Area primarily because "Public Trees" are non-oak trees within the public right of way. A complete list of trees mapped, their canopy and size are included in **Attachment D**.

7.0 IMPACTS TO SENSITIVE BIOLOGICAL RESOURCES

7.1 SSHCP Land Cover

As proposed, the Project would directly and permanently impact all areas within the Study Area, which include 9.84 acres of natural land covers that provide habitat value (valley grassland; mixed riparian scrub; see **Figure 6**). Project-related land cover impacts were estimated by overlaying the Study Area on the existing land cover map. Impacts to the natural land cover types will be the result of grading and site development. The disturbed, low-density development, and major road land cover types will not be converted to another use but may be subject to temporary impacts. **Table 3** provides an accounting of the existing land cover impacts, which are shown on **Figure 8**.

Table 3. SSHCP Land Cover Impacts

Natural Land Covers	
Valley Grassland	9.73
Mixed Riparian Scrub	0.11
Total Natural Land Covers	*9.84*
Developed/Non-Habitat	
Low-Density Development	0.51
Major Roads	0.10
Total Developed Land Covers	*0.61*
Grand Total	**10.45**

Summation errors may occur as a result of rounding.

7.4 Invertebrates

7.4.1 Crotch Bumble Bee

Crotch bumble bee could use portions of the site during the spring if those areas support flowering plants suitable for foraging. In addition, small rodent burrows on-site provide limited potential nesting habitat for this species, and construction may harm or kill nesting Crotch bumble bees.

7.4.3 Monarch

Monarch butterfly could use portions of the site during the spring if those areas support flowering plants suitable for foraging and larvae could use limited milkweed on-site. If milkweed plants that support the larval stage of this species were removed during construction, and monarch butterfly eggs, larva, or chrysalises were present, they could be killed.

7.5 Reptiles

The Study Area does not contain suitable aquatic habitat, however the upland areas within the Study Area could be utilized by northwestern pond turtle and giant garter snake for nesting and refugia. Construction activities within the Study Area could therefore impact individuals if present.

7.6 Birds

7.8.1 Western Burrowing Owl

Valley grassland land cover as well as the vacant residential area and associated debris piles could provide refugia for western burrowing owl. Project construction, including the removal and/or disturbance of the debris piles, could affect western burrowing owl if it is present.

7.8.2 Swainson's Hawk Nesting and Foraging Habitat

Approximately 9.73 acres of the Study Area supports valley grassland land cover that provides suitable foraging habitat for Swainson's hawk. Additionally, the Study Area and areas within 0.25-mile supports potentially suitable nest trees and nesting habitat for Swainson's hawk. Removal of nest trees and/or disturbance that results in nest abandonment in trees within 0.25-mile of the active construction area could adversely affect this species.

7.8.3 Nesting Raptors and Other Birds

In addition to tricolored blackbird, loggerhead shrike, Swainson's hawk, Cooper's hawk, white-tailed kite, northern harrier, and other bird species protected under the MBTA have the potential to nest within 0.25-mile of the Study Area. Additionally, other more common bird species protected by the MBTA could nest on-site if the habitats meet their nesting requirements. If these species were nesting within 0.25-mile

(raptors) or within 500 feet (other migratory birds) of the Study Area, removal of the nests would impact these species. Furthermore, birds nesting in avoided areas adjacent to construction could be disturbed by construction, which could result in nest abandonment.

7.8.4 Wintering and Foraging Raptors and Other Birds

The valley grassland within the Study Area provides suitable foraging habitat for numerous special-status birds, including several SSHCP covered species including greater sandhill crane, ferruginous hawk, and Swainson's hawk, as detailed in **Section 6.5** above. Grading and land cover conversion of the Study Area would result in loss of foraging habitat that may be used by these species.

7.9 Mammals

7.9.1 Roosting Bats

Bats may use the Study Area for foraging, and there is low to moderate potential for pallid bat, silver-haired bat, western red bat and hoary bat to use trees in and adjacent to the Study Area as well as the vacant home for roosting. If these trees require removal and are being used by bats at the time of removal, the Project could disturb roosting bats. In addition, removal of the vacant home could harm roosting bats.

7.9.2 American Badger

The Study Area lacks appropriate den sites for this species, although valley grassland on-site provides habitat that could be utilized by American badger for foraging. Project construction would result in the conversion of valley grassland, thereby reducing the amount of local foraging habitat for this species.

7.10 Protected Trees

According to the City of Galt's Cutting and Removal of Heritage Oak and Public Tree Code (Tree Ordinance, Section 18.52.060), 27 trees within the Study Area meet the City's definition of "Heritage Oaks". It is assumed that implementation of the proposed project would require the removal of all 27 trees (**Figure 8**) during mass grading and site preparation. According to the City's Tree Ordinance, a Tree Permit must be applied for and obtained prior to removal of protected trees.

8.0 AVOIDANCE, MINIMIZATION, AND MITIGATION MEASURES FOR IMPACTS TO SENSITIVE BIOLOGICAL RESOURCES

8.1 SSHCP Land Cover Conversion

The Project requires SSHCP authorization, and the SSHCP facilitates compensatory mitigation for impacts to terrestrial and aquatic land covers through either (1) payment of SSHCP program fees as calculated by Sacramento County or (2) develop and implement an approved land-in-lieu dedication to mitigate for

permanent conversion of SSHCP-designated natural land cover types, including aquatic resources. Compensatory mitigation requirements under option (1) are based on the acres of each type of SSHCP-defined land cover and aquatic resource impacts and the fee schedule in effect at the time of SSHCP authorization.

The City of Galt will make the determination regarding the appropriate SSHCP Avoidance and Minimization Measures (AMMs) for the Project following the applicant's formal request for authorization under the SSHCP. The SSHCP includes best management practices and general species protection AMMs that are likely to apply to the Project in addition to covered species-specific AMMs. The additional AMMs that are likely to apply include LID-1, BMP-1 through BMP-11, and SPECIES-1 through SPECIES-4. Application of these AMMs will avoid and minimize potential impacts associated with conversion of land in the Study Area. For your convenience, we have provided the full text of the SSHCP AMMs in **Attachment F.**

8.2 Invertebrates

8.2.1 Crotch Bumble Bee

Crotch bumble bee was designated as a candidate for listing under the CESA in 2019, but no decision on listing has been published. If, at the time of project implementation, the species is not a CESA candidate or CESA listed, and it does not fall into any other special-status category, then it would not qualify for protections under CEQA, and no mitigation is necessary. Furthermore, because Crotch bumble bee is a candidate species, appropriate mitigation measures are still being developed and refined. Madrone has developed the following measures based on coordination with various CEQA lead agencies, and based on current literature and research. If at a later date a different mitigation measure is determined to be more appropriate, that can be submitted to the County at that time for review and approval.

- Initial ground-disturbing work (e.g., grading, vegetation removal, staging) shall take place between 1 September and 31 March (i.e., outside the colony active period), if feasible, to avoid impacts on Crotch bumble bee.
- If completing all initial ground-disturbing work between 1 September and 31 March is not feasible, then a senior biologist with 10 or more years of experience conducting biological resource surveys within California shall conduct a pre-construction survey for Crotch bumble bee in the area proposed for impact no more than 14 days prior to the commencement of construction activities. The survey shall occur during the period from one hour after sunrise to two hours before sunset, with temperatures between 65° F and 90° Fahrenheit, with low wind and no rain. If the timing of the start of construction makes the survey infeasible due to the temperature requirements, the surveying biologist shall select the most appropriate days based on the National Weather Service seven-day forecast, and shall survey at a time of day that is closest to the temperature range stated above. The survey duration shall be commensurate with the extent of suitable floral resources (which represent foraging habitat) present within the area proposed for impact and the level of effort shall be based on the metric of a minimum of one person-hour of searching per three acres of suitable floral resources/foraging habitat. A meandering pedestrian survey shall be conducted

throughout the area proposed for impact in order to identify patches of suitable floral resources. Suitable floral resources for Crotch bumble bee include species in the following families: *Apocynaceae*, *Asteraceae*, *Boraginaceae*, *Fabaceae*, and *Lamiaceae*.

- At a minimum, pre-construction survey methods shall include the following:
  - Search areas with floral resources for foraging bumble bees. Observed foraging activity may indicate a nest is nearby, and therefore, the survey duration shall be increased when foraging bumble bees are present.
  - If bumble bees are observed, attempt to photograph the individual and identify it to species.
  - If Crotch bumble bees are observed, watch the individuals and observe their flight patterns. Attempt to track their movements between foraging areas and the nest.
  - Visually look for nest entrances. Observe burrows, any other underground cavities, logs, or other possible nesting habitat.
  - If floral resources or other vegetation preclude observance of the nest, small areas of vegetation may be removed via hand removal, line trimming, or mowing to a height of no less than 4 inches to assist with locating the nest.
  - Look for concentrated special-status bumble bee activity.
  - Listen for the humming of a nest colony.
- The biologist conducting the survey shall record when the survey was conducted, a general description of any suitable foraging habitat/floral resources present, a description of observed bumble bee activity, a list of bumble bee species observed, a description of any vegetation removed to facilitate the survey, and their determination of if survey observations suggest a special-status bumble bee nest(s) may be present or if construction activities could otherwise harm special-status bumble bees. The report shall be submitted to the County prior to the commencement of construction activities.
- If no bumble bees are located during the pre-construction survey or the bumble bees located are definitively identified as common (i.e., not special status) species, then no further mitigation or coordination with the City and/or CDFW is required.
- If any sign(s) of a bumble bee nest is observed, and/or if it cannot be established the species present is not a special-status bumble bee, then construction shall not commence until either 1) the bumble bees present are positively identification as common (i.e., not special status) by an experienced bumble bee taxonomist, or 2) the completion of coordination with CDFW to identify appropriate mitigation measures, which may include but not be limited to waiting until the colony active season ends; establishment of nest buffers; or obtaining an Incidental Take Permit (ITP) from CDFW.
- It is recommended, but not required, that the Project proponent also survey the proposed impact areas the year before construction begins in order to avoid potential last-minute delays associated with identifying special-status bumble bees on-site immediately prior to construction activities. To be most effective, this optional survey should follow the protocol outlined above.
- If, after coordination with CDFW, impacts to Crotch bumble bee cannot be avoided, the Project proponent shall obtain an ITP from CDFW prior to the County's approval of permits authorizing construction, and the Project proponent shall implement all conditions identified in the ITP. Mitigation required by the ITP may include but will not be limited to, the Project proponent translocating nesting substrate in accordance with the latest scientific research to another suitable

location (i.e., a location that supports similar or better floral resources as the impact area), enhancing floral resources on areas of the Project site that will remain appropriate habitat, worker awareness training, and/or other measures specified by CDFW.

8.2.2 Monarch

Monarch butterfly was designated as a candidate for listing under the ESA in 2020, but no decision on listing has been published. If, at the time of project implementation, it is not an ESA candidate or ESA listed, and it does not fall into any of the other "special status" categories defined in **Section 4.0**, then it would not qualify for protections under CEQA and no mitigation is necessary. Furthermore, because this is a candidate species, appropriate mitigation measures are still being developed and refined. We have developed the following measure based on coordination with various CEQA lead agencies, and current literature and research. If a different mitigation measure is determined to be more appropriate, that can be submitted to the County and USFWS at that time for review and approval.

If construction occurs during the time when milkweed plants may host monarch eggs or caterpillars (approximately mid-March through late September), a pre-construction survey shall be conducted by a qualified biologist no earlier than 15 days prior to construction within the proposed impact area and a 50-foot buffer in accessible areas. The biologist shall comprehensively search the survey area for milkweed plants, and all milkweed plants found shall be surveyed for monarch eggs, larvae (i.e., caterpillars), and chrysalises. Additionally, other plants immediately adjacent to milkweed plants shall also be searched for chrysalises. If no eggs, caterpillars, or chrysalises are detected, no additional mitigation measures are necessary.

If eggs, caterpillars or chrysalises are found, the plants shall be avoided with a 50-foot buffer until metamorphosis is completed and adult butterflies emerge and voluntarily leave the host plant. If the eggs, larvae, or chrysalises cannot be avoided, all eggs, larvae, and chrysalises, including the portion of the plant to which they are attached, will be translocated to an alternative location. That location must be a minimum of 50 feet outside of the impact area and contain a similarly sized or larger population of larval host plants. The portions of the plants supporting eggs or chrysalises shall be tied to the live stem of the avoided larval host plant while caterpillars will be placed directly on a stem or leaf of a larval host plant. Should the species be listed under FESA in the future, coordination with USFWS shall be conducted prior to translocation.

8.3 Reptiles

8.3.1 Northwestern Pond Turtle

The SSHCP includes nine AMMs that apply to northwestern pond turtle. WPT-1 requires a habitat mapping survey within 300 feet of modeled habitat. This has been completed as part of the initial surveys for this Biological Resource Assessment. Adhering to work windows, biological monitoring, de-watering restrictions, exclusion fencing, covering trenches, adhering to speed limits, reporting, and restoration are required in WPT-2 through WPT-9. Implementation of AMMs WPT-1 through WPT-9 as appropriate would minimize

Project impacts to this species. The Project will provide compensatory mitigation for the loss of northwestern pond turtle upland habitat by participating in the SSHCP. Payment of SSHCP land conversion fees will result preservation of potential aquatic and upland habitat for this species.

8.3.2 Giant Garter Snake

The SSHCP includes 10 AMMs that apply to giant garter snake. AMM GGS-1 requires planning level surveys if modeled habitat is present. While the Study Area itself does not contain modeled habitat, the riparian area immediately adjacent to the east and north boundary is modeled habitat in the SSHCP. Adhering to work windows, biological monitoring, de-watering restrictions, exclusion fencing, non-entangling erosion control measures, agency notification, site restoration, re-location plan, and pre-construction surveys are required in GGS-2 through GGS-10. Implementation of AMMs GGS-1 through GGS-10 as appropriate, would minimize Project impacts to this species. The Project will provide compensatory mitigation for the loss of giant garter snake upland habitat by participating in the SSHCP. Payment of SSHCP land conversion fees will result preservation of potential aquatic and upland habitat for this species.

8.4 Birds

8.4.1 Western Burrowing Owl

The SSHCP includes seven AMMs that apply to western burrowing owls. Planning-level surveys, pre-construction surveys, avoidance, construction monitoring, passive relocation, seasonal timing, and rodent control are all required by measures WBO-1 through WBO-7. Implementation of applicable measures will minimize Project impacts to western burrowing owl. The Project will provide compensatory mitigation for the loss of western burrowing owl habitat by participating in the SSHCP. Payment of SSHCP land conversion fees will result in preservation of potential aquatic and upland habitat for this species.

8.4.2 Swainson's Hawk Nesting and Foraging Habitat

The SSHCP includes five AMMs that apply to nesting Swainson's hawks. Planning level nesting habitat surveys, pre-construction survey, nest buffers, monitoring, and avoidance are required by measures SWHA-1 through SWHA-4. Implementation of these AMMs will minimize Project related impacts to Swainson's hawk. The Project will provide compensatory mitigation for the loss of Swainson's hawk habitat by participating in the SSHCP. Payment of SSHCP land conversion fees will result in preservation of potential aquatic and upland habitat for this species.

8.4.3 Nesting Raptors and Other Birds

The SSHCP includes four AMMs that apply to nesting songbirds and raptors. Measure RAPTOR-1 (planning level nesting habitat survey) has already been applied. AMM RAPTOR-2 (pre-construction surveys) shall be implemented and measures RAPTOR-3 and RAPTOR-4 shall be applied if needed. Measure TCB-1 (planning level nesting habitat survey) has already been applied. AMM TCB-2 (pre-construction surveys) shall be implemented and measures TCB-3 through TCB-5 shall be applied if needed.

For special-status bird species not covered by species-specific SSHCP AMMs, the following measure shall apply:

> If construction is scheduled to begin between February 1 and August 31, a qualified biologist shall conduct a pre-construction nesting bird survey of the Study Area and areas within a 500-foot radius of proposed construction areas, where access is available, no more than 15 days prior to the initiation of construction. The qualified biologist shall survey accessible areas within a 500-foot radius around the Project area. If no active nests are found, Project activities may proceed as scheduled. If there is a break in construction activity of more than two (2) weeks, then subsequent surveys shall be conducted.
>
> If an active nest is found, active nests shall be avoided, and a no disturbance or destruction buffer shall be determined and established by the qualified biologist. The buffer shall be kept in place until after the breeding nesting season or the qualified biologist confirms the young have fledged, are foraging independently, and the nest is no longer active for the season. The extent of these buffers shall be determined by the qualified biologist and will depend on the species present, the level of noise or construction disturbance, line of sight between the nest and the disturbance, ambient levels of noise and other disturbances, and other topographical or artificial barriers.

For all nesting surveys, a report summarizing the survey(s), including those for Swainson's hawk, western burrowing owls, nesting birds, and nesting raptors, shall be provided to the County within 30 days of the completed surveys. Reports may be in electronic format and delivered by email.

8.4.4 Wintering and Foraging Raptors

The Study Area provides suitable wintering and foraging habitat for a number of raptors and other bird species. The loss of wintering and foraging habitat shall be mitigated through participation in the SSHCP (see **Section 8.1**).

8.5 Mammals

8.5.1 Roosting Bats

The Project may require the removal trees and an old house in the Study Area that provide potential habitat for roosting bats, including habitat that may be favored by western red bat, a SSHCP covered species. To ensure that construction activity does not disturb bats that may be roosting in appropriate habitat in and adjacent to the construction area, we recommend the following AMM from the SSHCP (AMM BAT-1) shall be applied:

- An approved biologist will conduct a field investigation of the project footprint and adjacent areas within 300 feet of the project footprint to determine if a potential maternity roost is present, and to identify and map potential maternity roost sites. Adjacent parcels under different land ownership will be surveyed only if access is granted or if the parcels are visible from authorized areas. If potential maternity roost sites are found, the Third-Party Project Proponent will note their locations on project designs and will design the project to avoid all areas within a 300-foot buffer around the potential maternity roost sites. As discussed in AMM BAT-3, maternity roost habitat is fully avoided if project-related activities do not impinge on a 300-foot buffer established by the approved biologist around an existing or potential maternity roost site. See Chapter 10 *[of the SSHCP document]* for the process for Covered Activity projects to conduct and submit project survey information.

Such a survey could be used to identify any potential special-status bat species, not just western red bat. However, if western red bat is determined to be present as a result of the survey, SSHCP AMMs BAT-2 and BAT-3 would be implemented as necessary. If other special-status bat species are determined to be present, exclusion shall be conducted by the qualified biologist in coordination with CDFW. Methods may include acoustic monitoring, evening emergence surveys, and the utilization of two-step tree removal supervised by the qualified biologist. Two-step tree removal involves removal of all branches that do not provide roosting habitat on the first day, and then the next day cutting down the remaining portion of the tree. Building exclusion methods may include such techniques as installation of passive one-way doors, or the installation of netting when the bats are not present to prevent their reoccupation. Once the bats have been excluded, tree or building removal may occur.

8.6.2 American Badger

The SSHCP does not have species-specific AMMs for the American Badger. Project related indirect effects to American badger can be minimized through general BMP AMMs such as working during daylight hours and monitoring for wildlife in the work area. In addition, the following should be conducted:

- Conduct a pre-construction American badger survey of the Project construction area within 14 days prior to construction activities. It is anticipated that these surveys could be completed concurrently with the burrowing owl surveys.
- If American badgers or burrows with American badger sign are found, the burrow shall be excavated as follows. The qualified biologists will examine the burrow with a camera probe, if the entire burrow is inspected and no badgers are identified, the biologists will do a progress hand excavation to the terminal end of the burrow and backfill. If the burrow is occupied, detection of that would either be by sound (growling and digging sounds), a recent plug, a detection by the camera, or a rushing badger. If the burrow is determined to be occupied, the biologists will leave it as is and continue monitoring the burrow until the burrow is unoccupied. If presence is not detected until excavation has started, the biologists will abandon the excavation, plug the burrow with crumpled newspaper and return the next day. If the paper

is in place, the biologists will continue monitoring until the paper is moved or gone (suggesting that the badger is gone) and resume excavation of the burrow.

8.7 Other SSHCP Avoidance and Minimization Measures

Because the Project would require SSHCP authorization, SSHCP AMMs would be assigned as part of the authorization. Based on the land covers and habitats present. Payment of land conversion fees will result in compensatory mitigation for each Covered Species. Madrone anticipates that the following SSHCP AMMs would be required. A full list of SSHCP Avoidance and Minimization Measures is included as **Attachment F**.

Condition 1. Avoid and Minimize Urban Development Impacts to Watershed Hydrology and Water Quality

- AMM LID-1: Stormwater Quality

Condition 3. Implement Construction Best Management Practices

- BMP-1: Construction Fencing
- BMP-2: Erosion Control
- BMP-3: Equipment Storage and Fueling
- BMP-4: Erodible Materials
- BMP-5: Dust Control
- BMP-6: Construction Lighting
- BMP-7: Biological Monitor
- BMP-8: Training of Construction Staff
- BMP-9: Soil Compaction
- BMP-10: Revegetation
- BMP-11: Speed Limit

Covered Species Take Avoidance and Minimization Measures

- SPECIES-1: Litter Removal Program
- SPECIES-2: No Pets in Construction Area
- SPECIES-3: Take Report
- SPECIES-4: Post-Construction Compliance Report
- GGS-1: GGS Surveys
- GGS-2: Work Window
- GGS-3: Monitoring
- GGS-5: Avoid Entrapment
- GGS-6: Erosion Control Materials
- GGS-7: Encounter Protocol
- GGS-8: Post-Construction Restoration
- GGS-10: Pre-construction Surveys
- WPT-1: Western Pond Turtle Surveys
- WPT-2: Work Window

- WPT-3: Monitoring
- WPT-5: Avoid Entrapment
- WPT-6: Erosion Control Materials
- WPT-7: Speed Limit
- WPT-8: Encounter Protocol
- WPT-9: Post-Construction Restoration
- TCB-1: Tricolored Blackbird Survey
- TCB-2: Tricolored Blackbird Pre-Construction Survey
- TCB-3: Tricolored Blackbird Nest Buffer
- TCB-4: Tricolored Blackbird Nest Buffer Monitoring
- SWHA-1: Swainson's hawk surveys
- SWHA-2: Swainson's Hawk Pre-Construction Surveys
- SWHA-3: Swainson's Hawk Nest Buffer (if SWHA-2 results positive)
- SWHA-4: Swainson's Hawk Nest Buffer Monitoring (if SWHA-2 results positive)
- SWHA-5: Swainson's Hawk Nest Tree Avoidance (if nest trees need to be removed)
- WBO-1: Western Burrowing Owl Surveys
- WBO-2: Western Burrowing Owl Pre-Construction Surveys
- WBO-3: Western Burrowing Owl Avoidance (if WBO-2 results positive)
- WBO-4: Western Burrowing Owl Construction Monitoring (if WBO-2 results positive)
- WBO-5: Western Burrowing Owl Passive Relocation (if WBO-2 results positive)
- RAPTOR-1: Raptor Surveys
- RAPTOR-2: Raptor Pre-Construction Survey
- RAPTOR-3: Raptor Nest/Roost Buffer (if RAPTOR-2 results positive)
- RAPTOR-4: Raptor Nest/Roost Buffer Monitoring (if RAPTOR-2 results positive)
- BAT-1: Maternity Roost Surveys (if trees need to be removed)
- BAT-2: Maternity Roost Pre-Construction Surveys
- BAT-3: Maternity Roost Buffer (if BAT-2 results positive)
- BAT-4: Eviction Methods for Non-Maternity and Non-Hibernaculum Roosts (if trees need to be removed and such trees support non-maternity roosts)

9.0 REFERENCES

Bumble Bee Watch (BBW). 2025. Query of the Bumble Bee Sightings Map database. https://www.bumblebeewatch.org/app/#/bees/map. Accessed 16 January.

California Burrowing Owl Consortium (CBOC). 1993. Burrowing Owl Survey Protocol and Mitigation Guidelines. April.

California Department of Fish and Wildlife (CDFW). 2025. Special animals list. March.

California Department of Fish and Wildlife (CDFW). 2018. Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities.

_____. 2012. Staff Report on Burrowing Owl Mitigation. March 7.

California Native Plant Society (CNPS). 2025. Rare Plant Inventory (online edition, v9.5). Website https://www.rareplants.cnps.org [Accessed 15 February].

California Native Plant Society, Rare Plant Program (CNPS). 2001. CNPS Botanical Survey Guidelines.

California Natural Diversity Database (CNDDB). 2025. RareFind 6 Database. Produced and maintained by California Department of Fish and Wildlife (CDFW). Accessed 15 February.

Chiang, S. N., P. H. Bloom, A. M. Bartuszevige, and S. E. Thomas. 2012. Home range and habitat use of Cooper's Hawks in urban and natural areas. Online (www.ucpress.edu/go/sab) in C. A. Lepczyk and P. S. Warren (editors). Urban bird ecology and conservation. Studies in Avian Biology (no. 45), University of California Press, Berkeley, CA.

City of Galt. 2024. Galt Municipal Code, Title 18: Galt Development Code, Section 18.52: Landscape Standards. Accessed online at https://www.codepublishing.com/CA/Galt/.

Cornell Lab of Ornithology. 2025. eBird database. Accessed online at https://ebird.org/home. Accessed 28 March.

County of Sacramento, City of Rancho Cordova, City of Galt, Sacramento County Water Agency, and the Southeast Connector Joint Powers Authority. 2018. Final South Sacramento Habitat Conservation Plan. February. Sacramento, CA.

Environmental Laboratory. 1987. *Corps of Engineers Wetlands Delineation Manual.* Technical Report Y-87-1, U.S. Army Engineer Waterways Experiment Station. Vicksburg, Miss.

Hatfield, R., Jepsen, S., Thorp, R., Richardson, L. & Colla, S. 2014. Bombus bimaculatus. The IUCN Red List of Threatened Species 2014: e.T44937719A69000240.

iNaturalist. 2025. iNaturalist Observation Database. https://www.inaturalist.org/. Accessed 28 March.

International Union for Conservation of Nature and Natural Resources (IUCN). 2023. RED List information for Crotch bumble bee. Available online at https://www.iucnredlist.org/species/44937582/46440211.

Littlefield, C.D., and G.L. Ivey. 2000. Conservation assessment for Greater Sandhill Cranes wintering on the Cosumnes River Floodplain and Delta Region of California. The Nature Conservancy.

Natural Resources Conservation Service (NRCS). 2025. Web Soil Survey for the study area and vicinity. Available online at https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx. Accessed March 2025.

NatureServe Explorer (NatureServe). 2025. Species information for Hydrochara rickseckeri, Ricksecker's Water Scavenger Beetle. Updated 5 January 2024, accessed 28 March. https://explorer.natureserve.org/Taxon/ELEMENT_GLOBAL.2.113994/Hydrochara_rickseckeri

Short, Andrew. Doug Post, and Emmanuel Toussaint. 2017. Biology, Distribution, and Phylogenetic Placement of the California Endemic Water Scavenger Beetle Hydrochara rickseckeri (Horn) (Coleoptera: Hydrophilidae). The Coleopterists Bulletin. 71. 461-467. 10.1649/0010-065X-71.3.461.

Shuford, David and Thomas Gardali, eds. 2008. California Bird Species of Special Concern: A Ranked Assessment of Species, Subspecies, and Distinct Populations of Birds of Immediate Conservation Concern in California. February.

Thorp, R.W., Horning, D.S., & Dunning, L.L.1983. Bumble bees and cuckoo bumble bees of California (Hymenoptera, Apidae).

U.S. Army Corps of Engineers (USACE). 2008a. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0)*, ed. J. S. Wakeley, R. W. Lichvar, and C. V. Noble. ERDC/EL TR-08-28. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

U.S. Army Corps of Engineers (USACE). 2008b. *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*. Prepared by R. W. Lichvar and S. M. McColley. ERDC/CRREL TR-08-12. Cold Regions Research and Engineering Laboratory.

U.S. Army Corps of Engineers (USACE). 2016. *Minimum Standards for Acceptance of Aquatic Resources Delineation Reports*. U.S. Army Corps of Engineers, Sacramento District. Dated January 2016.

Available online at: http://www.spk.usace.army.mil/Portals/12/documents/regulatory/jd/ minimum -standards/Minimum_Standards_for_Delineation_with_Template-final.pdf.

U.S. Department of the Interior, Geological Survey (USGS). 2025. Galt, CA 7.5-minute Quadrangle. Geological Survey. Denver, Colorado.

U.S. Department of the Interior, Fish and Wildlife Service (USFWS). 2025. IPaC resource list for the study area. Generated from http://ecos.fws.gov/ipac/ on 8 April.

_____. 2020. Monarch (Danaus plexippus) Species Status Assessment Report. September.

U.S. Department of the Interior, Fish and Wildlife Service (USFWS) and Sacramento County. 2018. Final. Environmental Impact Statement/Environmental Impact Report for the South Sacramento Habitat Conservation Plan, Volume I, p. 6.

Western Bat Working Group (WBWG). 2025. Species Matrix and Species Accounts. Accessed on-line at http://wbwg.org/ in March 2025.

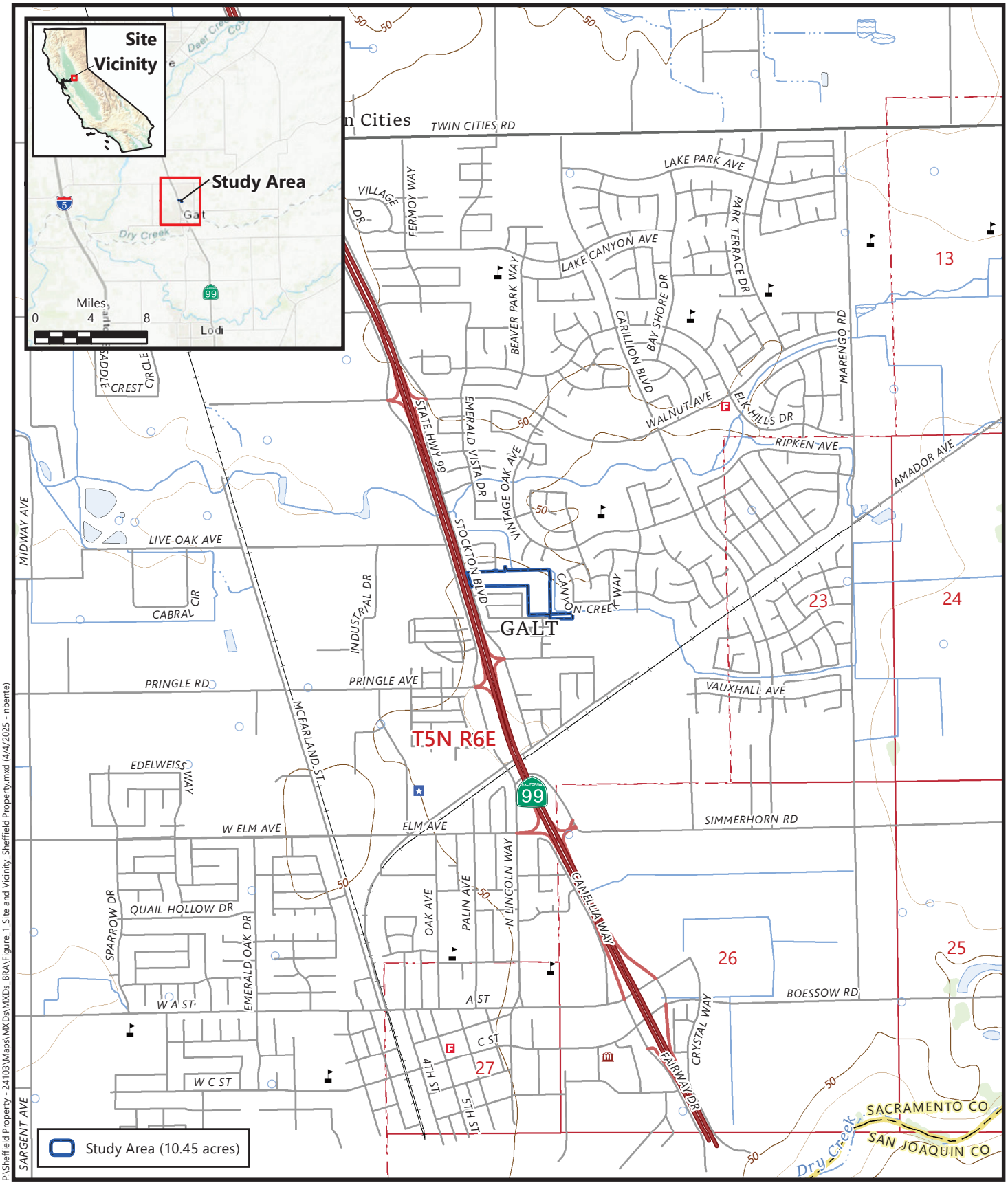
Western Monarch Milkweed Mapper (WMMM). 2025. Breeding western monarch database query for the Study Area. Website: www.monarchmilkweedmapper.org/ [accessed 28 March].

Williams, P. H., R. W. Thorp, L. L. Richardson, and S. R. Colla. 2014. The Bumble bees of North America: An Identification guide. Princeton University Press, Princeton.

Xerxes Society for Invertebrate Conservation (Xerxes Society). 2025. Western monarch overwintering site viewer. Accessed 28 March.

Figures

Figure 1. Site and Vicinity
Figure 2. California Natural Diversity Database Occurrences of Special-Status Plant and Wildlife Species
Figure 3. Natural Resource Conservation Service Soils
Figure 4. Aquatic Resources in the Study Area
Figure 5. SSHCP Baseline Land Cover
Figure 6. SSHCP Existing Land Cover
Figure 7. Tree Inventory Map
Figure 8. Impacts to Land Cover and Inventoried Trees



N

Feet
0 1,000 2,000

Source: United States Geologic Survey, 2021
"Galt, California" 7.5-Minute Topographic Quadrangle
Unsectioned Rancho Sanjon de los Moquelumnes Land Grant,
T5N, Range 6E, MDBM
Latitude (NAD83): 38.272291°, Longitude (NAD83): -121.300003°

Figure 1
Site and Vicinity

Sheffield Property
Galt, Sacramento County, California

MADRONE ECOLOGICAL CONSULTING

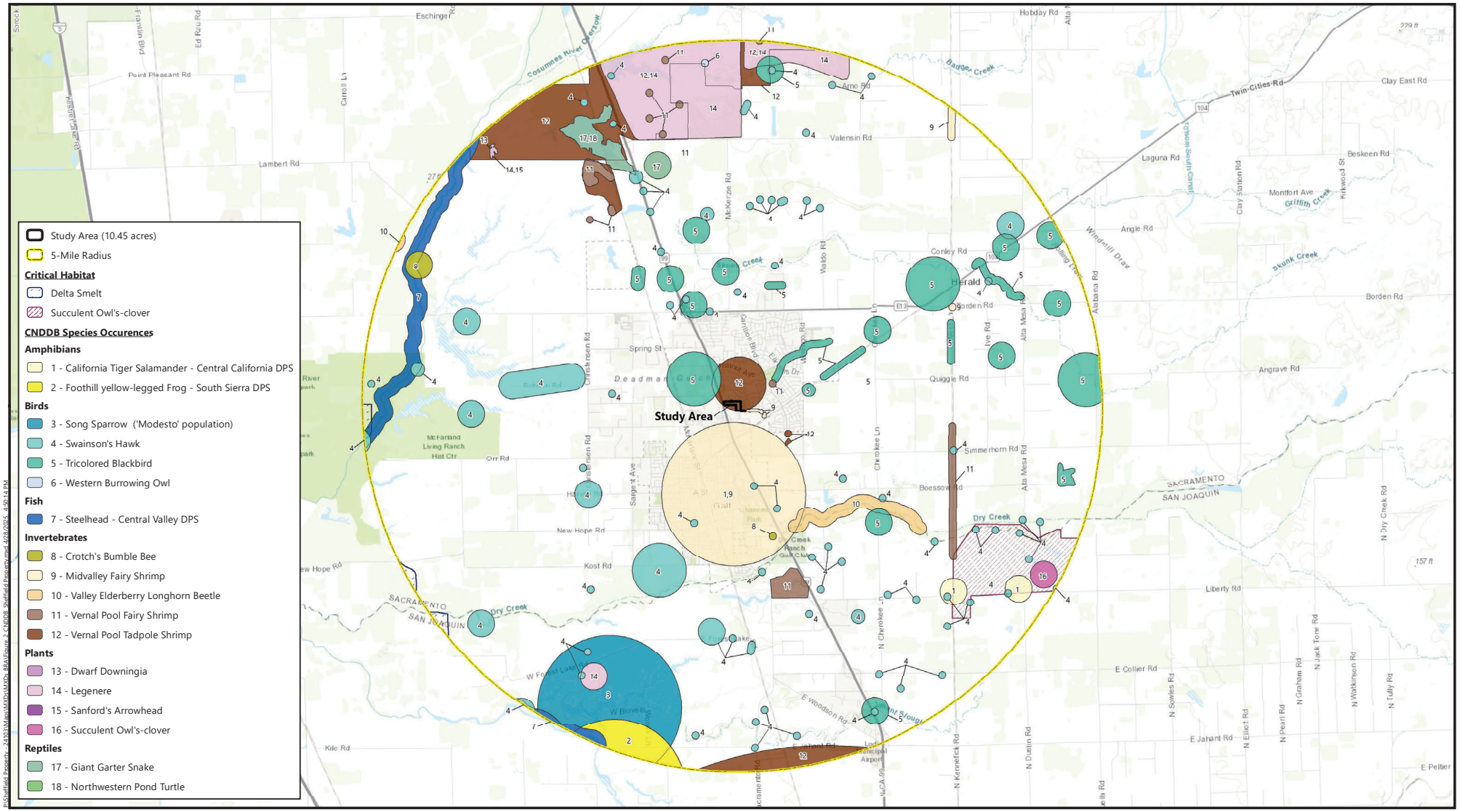
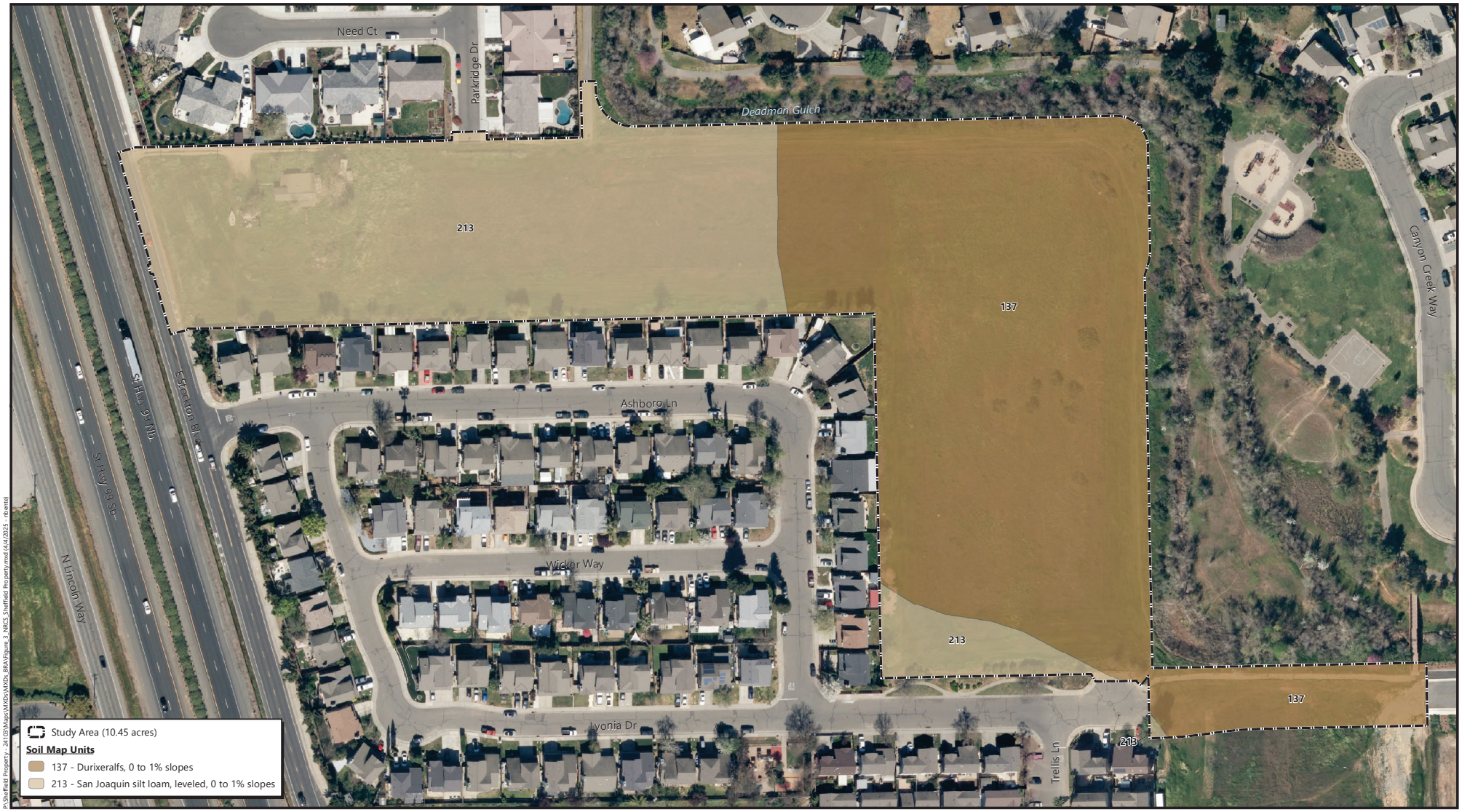


Figure 2
California Natural Diversity Database
Species Occurrences and Critical Habitats

Sheffield Property
Galt, Sacramento County, California

Source: *California Department of Fish and Wildlife*, March 2025
Basemap Source: *National Geographic* and *ESRI*



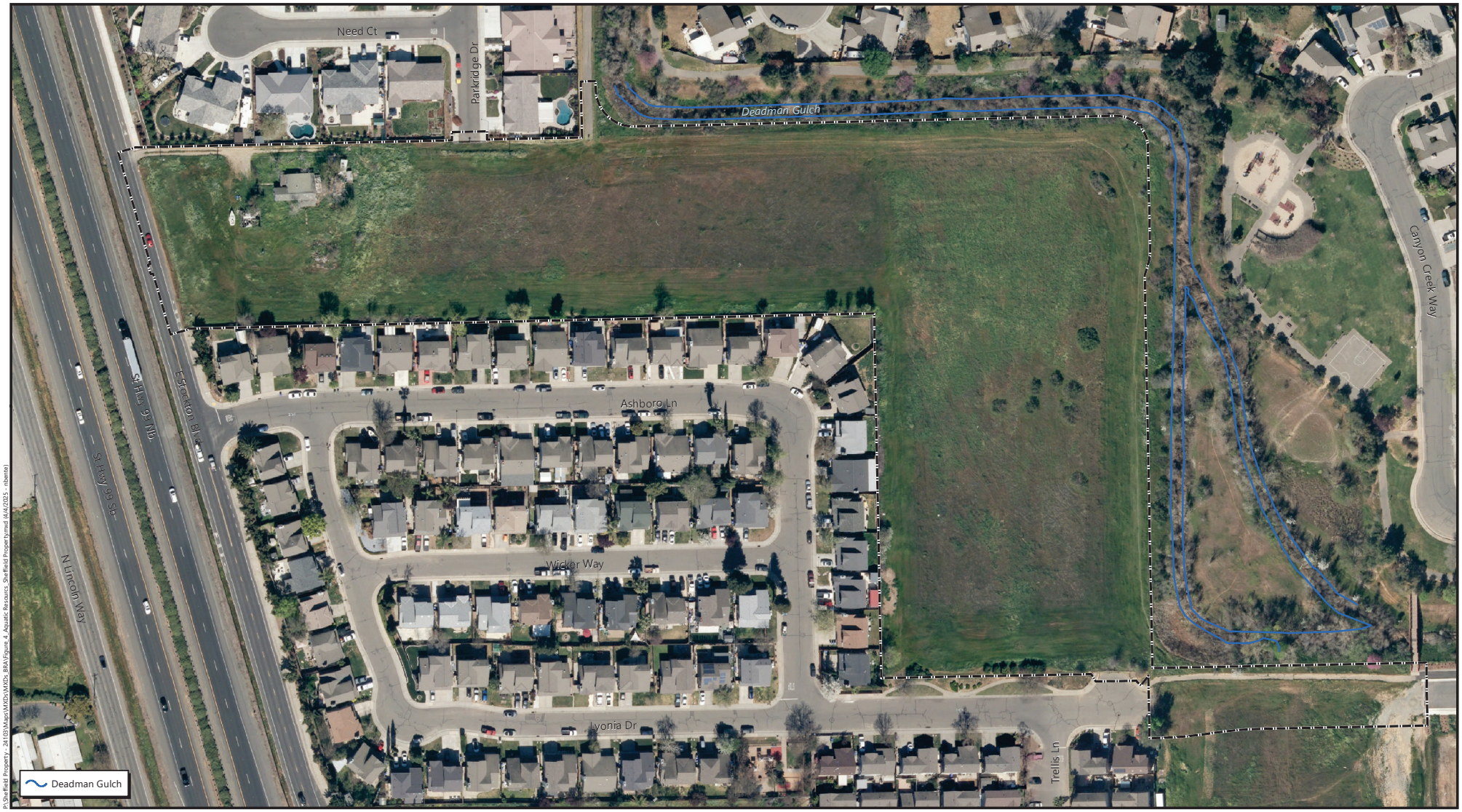
P:\Sheffield Property - 24103\Maps\MXDs\MXDs_BRA\Figure 3_NRCS_Sheffield Property.mxd (4/4/2025 - nbantel)

Soil Survey Source: USDA, Soil Conservation Service. Soil Survey Geographic (SSURGO) database for Sacramento County, California
Aerial Source: Sacramento County, 2022.

Figure 3
Natural Resources Conservation Service Soils

Sheffield Property
Galt, Sacramento County, California

MADRONE ECOLOGICAL CONSULTING



P:\Sheffield Property - 24103\Mxds\MXDs\MXDs_BRA\Figure 4_Aquatic Resources_Sheffield Property.mxd (4/4/2025 - rbente)

N

Feet

0 110

** Small summation errors may occur due to rounding*

Aerial Source: Sacramento County, 2022.

Figure 4
Aquatic Resources

Sheffield Property
Galt, Sacramento County, California

MADRONE ECOLOGICAL CONSULTING



P:\Sheffield Property - 24103\Maps\MXDs\MXDs_BRA\Figure 5_SSHCP Baseline Land Covers_Sheffield Property.mxd 4/4/2025 - rbentel

** Small summation errors may occur due to rounding*

Land Cover and Observed Species Habitat Source: South Sacramento Habitat Conservation Plan (SSHCP), 2018.
Aerial Source: Sacramento County, 2022.

Figure 5
SSHCP Baseline Land Cover Map

Sheffield Property
Galt, Sacramento County, California

MADRONE ECOLOGICAL CONSULTING



P:\Sheffield Property - 24103\Maps\MXDs\MXDs_BRA\Figure 6_SSHCP Existing Land Covers_Sheffield Property.mxd (4/9/2025 - nbente)

** Small summation errors may occur due to rounding*

Land Cover and Observed Species Habitat Source: Madrone, 2024-2025., South Sacramento Habitat Conservation Plan (SSHCP), 2018.

Aerial Source: Sacramento County, 2022.

Figure 6
SSHCP Existing Land Cover Map

Sheffield Property
Galt, Sacramento County, California

MADRONE ECOLOGICAL CONSULTING



P:\Sheffield Property - 24103\Maps\MXDs\MXDs_BRA\Figure 7 Tree Inventory_Sheffield Property.mxd (4/21/2025 - nbente)

Aerial Source: Sacramento County, 2022.

Figure 7
Tree Inventory Map

Sheffield Property
Galt, Sacramento County, California

MADRONE ECOLOGICAL CONSULTING



Impacted SSHCP Existing Land Cover Types	
SSHCP Existing Land Cover Type	**Permanently Impacted (acres)**
Low Density Development	0.51
Major Roads	0.1
Mixed Riparian Scrub	0.11
Valley Grassland	9.73
Total:	**10.45**

Study Area (10.45 acres)
Impact Area (10.45 acres)
Dripline

Impacted Inventoried Trees

Interior Live Oak
Valley Oak

Impacted SSHCP Existing Land Cover Types (10.45 acres)

Low Density Development (0.51 acre)
Major Roads (0.10 acre)
Mixed Riparian Scrub (0.11 acre)
Valley Grassland (9.73 acres)

Tree Number	Specie	DBH (inches)	Multi-Stem (inches)	Drip Line Radius (Feet)	Health
2	Valley Oak	6	-	5	Fair
3	Valley Oak	10	-	7	Good
4	Valley Oak	16	-	10	Good
7	Valley Oak	6.5	-	7	Fair
8	Valley Oak	10	-	7	Poor
9	Valley Oak	-	6, 3	4	Good
17	Valley Oak	-	10, 11.5	10	Good
18	Valley Oak	6	-	8	Good
21	Valley Oak	-	8.5, 8	6	Poor
22	Valley Oak	10	-	8	Good
23	Valley Oak	-	3, 2, 2, 2, 1	6	Fair
24	Valley Oak	10	-	15	Good
25	Valley Oak	6.5	-	10	Good
26	Valley Oak	6	-	8	Good
27	Valley Oak	12	-	15	Good
28	Interior Live	-	6.5, 6	10	Good
29	Valley Oak	17	-	12	Good
30	Valley Oak	-	10.5, 7	12	Good
31	Valley Oak	-	13, 13	12	Good
32	Valley Oak	-	4.5, 5.5	7	Fair
35	Valley Oak	8	-	7	Good
36	Valley Oak	14	-	12	Good
37	Valley Oak	15.5	-	13	Good
38	Valley Oak	-	11, 8	12	Good
42	Valley Oak	15	-	12	Good
43	Valley Oak	-	5.5, 6	5	Good
84	Valley Oak	-	3, 3, 3	4	Good

N
Feet
0
110

** Small summation errors may occur due to rounding*
Land Cover and Observed Species Habitat Source: Madrone, 2024-2025., South Sacramento Habitat Conservation Plan (SSHCP), 2018.
Aerial Source: Sacramento County, 2022.

P:\Sheffield Property - 24103\Maps\MXDs\MXDs_BRA\Figure_8_Impacts_Sheffield Property.mxd, 4/21/2025 - rbente)

Figure 8
Impacts to Land Covers and Inventoried Trees

Sheffield Property
Galt, Sacramento County, California

MADRONE ECOLOGICAL CONSULTING

Attachments

Attachment A.	Sheffield Subdivision Preliminary Tentative Subdivision Map
Attachment B.	IPaC Trust Resource Report for the Study Area
Attachment C.	CNPS Inventory of Rare and Endangered Plant Inventory Query for the "Galt, California" USGS Quadrangle and Eight Surrounding Quadrangles
Attachment D.	Plant and Wildlife Species Observed
Attachment E.	Tree Inventory
Attachment F.	SSHCP Avoidance and Minimization Measures

Attachment A

Sheffield Subdivision Preliminary Tentative Subdivision Map

CONCEPTUAL SITE PLAN

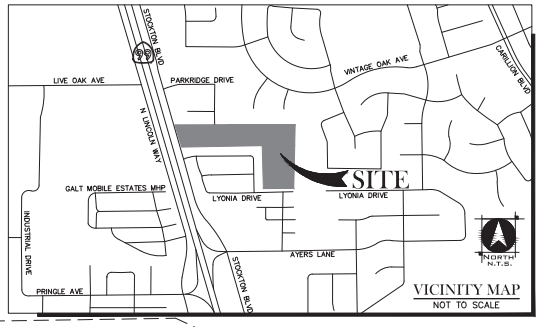
SHEFFIELD SUBDIVISION

40'X85'

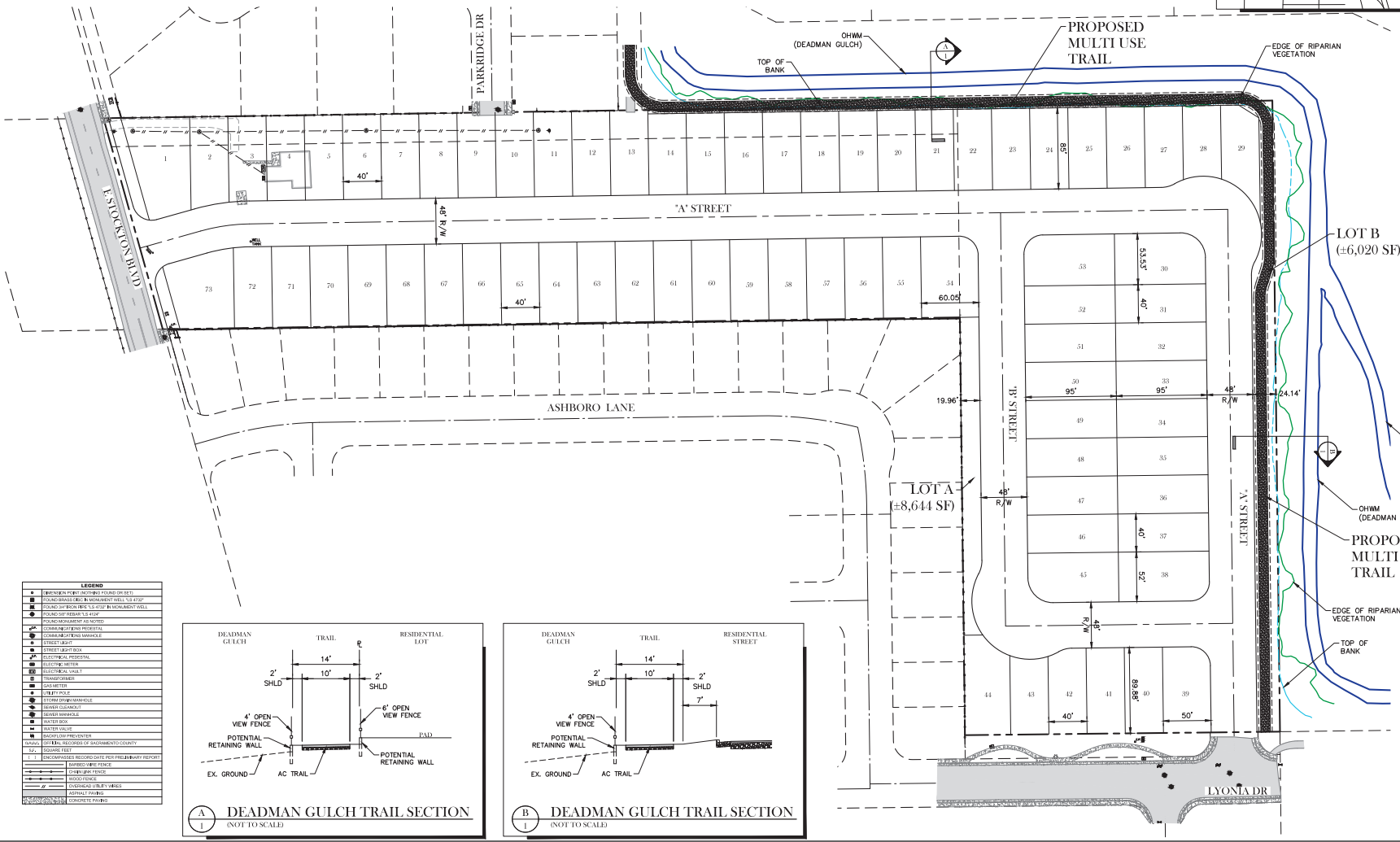
GALT, CA

ZONING DEVELOPMENT STANDARDS								
ZONE	MAX. LOT COVERAGE	MIN. LOT SIZE	MIN. STREET FRONTAGE	MINIMUM REQUIRED YARD SETBACKS				MAX. BUILDING HEIGHT
				FRONT	SIDE	ST. SIDE	REAR	
R2-PD*	0.60*	SINGLE-FAMILY DWELLING: 3,400 S.F.*	40'*	20' FG 15' LS	5'	12.5'	10'	30'

FG = FACE OF GARAGE
LS = LIVABLE SPACE



VICINITY MAP
NOT TO SCALE



PROJECT SUMMARY

ASSESSORS PARCEL NO
150-0012-007, 150-0012-026

LOT AREA
SUBDIVISION - 9.50 AC
TOTAL - 9.50 AC

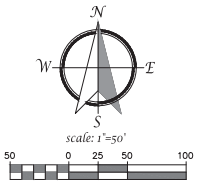
LOT SIZE
3,400 SF MIN.
40' X 85' = 73 LOTS
LETTERED LOTS - 2 LOTS

ZONING
EXISTING - R1A
PROPOSED - R2-PD

GENERAL PLAN
EXISTING - LOW DENSITY RESIDENTIAL
PROPOSED - MEDIUM DENSITY RESIDENTIAL

A/1 DEADMAN GULCH TRAIL SECTION
(NOT TO SCALE)

B/1 DEADMAN GULCH TRAIL SECTION
(NOT TO SCALE)



CONCEPTUAL SITE PLAN
NOVEMBER 27, 2024

TSD ENGINEERING, INC.
expect more.
785 Orchard Drive, Suite #110
Folsom, CA 95630
Phone: (916) 608-0707
Fax: (916) 608-0701

P:\Projects\556-003\02 DWG\B- Planning\PD\556-003_GALT_TSM.dwg, Casey, 10:39:50, 11-27-24

Attachment B

IPaC Trust Resource Report for the Study Area

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Sacramento Fish And Wildlife Office
Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
Phone: (916) 414-6600 Fax: (916) 414-6713

In Reply Refer To: 04/25/2025 18:47:56 UTC
Project Code: 2025-0088606
Project Name: Sheffield Subdivision

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)

(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see https://www.fws.gov/program/migratory-bird-permit/what-we-do.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see https://www.fws.gov/library/collections/threats-birds.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit https://www.fws.gov/partner/council-conservation-migratory-birds.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Sacramento Fish And Wildlife Office
Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
(916) 414-6600

PROJECT SUMMARY

Project Code: 2025-0088606
Project Name: Sheffield Subdivision
Project Type: Residential Construction
Project Description: Residential
Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@38.2717482,-121.29910407146318,14z



Counties: Sacramento County, California

ENDANGERED SPECIES ACT SPECIES

There is a total of 7 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

REPTILES

NAME	STATUS
Northwestern Pond Turtle *Actinemys marmorata* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1111	Proposed Threatened

AMPHIBIANS

NAME	STATUS
California Tiger Salamander *Ambystoma californiense* Population: U.S.A. (Central CA DPS) There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2076	Threatened

INSECTS

NAME	STATUS
Monarch Butterfly *Danaus plexippus* There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened
Valley Elderberry Longhorn Beetle *Desmocerus californicus dimorphus* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/7850	Threatened

CRUSTACEANS

NAME	STATUS
Vernal Pool Fairy Shrimp *Branchinecta lynchi* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/498	Threatened
Vernal Pool Tadpole Shrimp *Lepidurus packardi* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2246	Endangered

FLOWERING PLANTS

NAME	STATUS
Fleshy Owl's-clover *Castilleja campestris ssp. succulenta* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8095	Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Jinnah Benn
Address: 8421 Auburn Blvd., Suite 248
City: Citrus Heights
State: CA
Zip: 95610
Email jinnahsoils@gmail.com
Phone: 9165082982

Attachment C

California Native Plant Society (CNPS)
Rare and Endangered Plant Inventory Query for the Galt, California USGS Quadrangle and Eight Surrounding Quadrangles

Attachment D

Plant and Wildlife Species Observed

Plant and Wildlife Species Observed within the
Sheffield Subdivision Study Area
During 2025 Field Surveys

Species Name	Common Name
Plants	
Amsenkia menziesii	Common fiddleneck
Avena barbata	Slender wild oat
Baccharis pilularis	Coyote brush
Brassica rapa	Field mustard
Bromus diandrus	Ripgut brome
Bromus hordeaceus	Soft chess brome
Carex barbarae	Santa Barbara sedge
Centromadia fitchii	Fitch's spikeweed
Cercis occidentalis	Redbud
Cupressus semipervirens	Italian cypress
Digitaria sanguinalis	Crab grass
Erodium botrys	Broadleaf filary
Festuca perennis	Italian ryegrass
Gallium sp.	Bedstraw
Geranium dissectum	Cut-leaved geranium
Geranium molle	Dove's-foot geranium
Lactuca serriola	Prickly lettuce
Lagerstroemia indica	Crape Myrtle
Lupinus bicolor	Bicolor lupine
Medicago polymorpha	Burr medic
Pyrus sp.	Plumb
Quercus lobata	Valley oak
Quercus wislizeni	Interior live oak
Raphanus sativa	Wild radish
Robinia pseudoacacia	Black locust
Rubus armeniacus	Himalayan blackberry
Rumex crispus	Curly dock
Rumex pulcher	Fiddle dock
Silybum marianum	Milk thistle
Taraxacum officinale	Dandelion

Triphysaria eriantha	Butter and eggs
Vinca major	Bigleaf periwinkle
Vicia sativa	Common vetch

Birds

Agelaius phoeniceus	Red-winged blackbird
Aphelocoma californica	California scrub jay
Calypte anna	Anna's hummingbird
Carpodacus mexicanus	House finch
Catharus guttatus	Hermit thrush
Passer domesticus	House sparrow
Setophaga coronata	Yellow-rumped warbler
Spinus tristis	American goldfinch
Sturnella neglecta	Western meadowlark

Attachment E

Tree Inventory

Tree_No	Legend	DBH_Inch	MultiStem	DLR_Feet	Health
Tree Number	**Specie**	**DBH (inches)**	**Multi-Stem (inches)**	**Drip Line Radius (Feet)**	**Health**
2	Valley Oak	6	-	5	Fair
3	Valley Oak	10	-	7	Good
4	Valley Oak	16	-	10	Good
7	Valley Oak	6.5	-	7	Fair
8	Valley Oak	10	-	7	Poor
9	Valley Oak	-	6, 3	4	Good
17	Valley Oak	-	10, 11.5	10	Good
18	Valley Oak	6	-	8	Good
21	Valley Oak	-	8.5, 8	6	Poor
22	Valley Oak	10	-	8	Good
23	Valley Oak	-	3, 2, 2, 2, 1	6	Fair
24	Valley Oak	10	-	15	Good
25	Valley Oak	6.5	-	10	Good
26	Valley Oak	6	-	8	Good
27	Valley Oak	12	-	15	Good
28	Interior Live Oak	-	6.5, 6	10	Good
29	Valley Oak	17	-	12	Good
30	Valley Oak	-	10.5, 7	12	Good
31	Valley Oak	-	13, 13	12	Good
32	Valley Oak	-	4.5, 5.5	7	Fair
35	Valley Oak	8	-	7	Good
36	Valley Oak	14	-	12	Good
37	Valley Oak	15.5	-	13	Good
38	Valley Oak	-	11, 8	12	Good
42	Valley Oak	15	-	12	Good
43	Valley Oak	-	5.5, 6	5	Good
84	Valley Oak	-	3, 3, 3	4	Good

Attachment F

SSHCP Avoidance and Minimization Measures

implemented. The Land Use Authority Permittee can compel a Third-Party Project Proponent to stop working if a project is not in compliance with all SSHCP AMMs.[16] Upon construction completion, the Land Use Authority Permittee will monitor and confirm that post-construction conditions are acceptable and consistent with the requirements of the SSHCP permits (e.g., revegetation, soil treatments).[17] Once the constructed project has received final clearance from the Land Use Authority, it is the responsibility of the Land Use Authority to monitor continued operation of installed AMMs (e.g., swales, retention basins) and to monitor compliance with AMMs required for future operations and maintenance of the Covered Activity. The Implementing Entity may also assist with and in some instances may assume responsibility for monitoring continued operation of installed AMMs when those AMMs are part of the Preserve System, Preserve Setbacks, or Stream Setbacks.

On occasion, a local Land Use Authority Permittee may not have authority over a Covered Activity proposed by a Third-Party Project Proponent. In that event, the SSHCP Implementing Entity may develop a Participating Special Entity agreement with the Third-Party Project Proponent (see Chapter 9). As a Participating Special Entity, the Third-Party Project Proponent will incorporate and implement all applicable design and construction AMMs. The Implementing Entity will ensure that AMMs specific to that SSHCP Covered Activity are included in the project's Participating Special Entity agreement and ensure that AMMs are being implemented during construction.

As the SSHCP will be implemented over a 50-year Permit Term, the results of construction monitoring may indicate that certain AMMs are ineffective. Should the Plan Permittees wish to modify or replace an SSHCP AMM, they will follow the modification process outlined in the Adaptive Management Program (see Chapter 8).

5.4.1 General Avoidance and Minimization Measures

General AMMs are designed to avoid or minimize effects of Covered Activities on SSHCP land cover types and Covered Species.

Condition 1. Avoid and Minimize Urban Development Impacts to Watershed Hydrology and Water Quality

National Pollution Discharge Elimination System permits are issued by the Regional Water Quality Control Board to jurisdictions in the region, including the jurisdictions that are also SSHCP Land Use Authority Permittees (i.e., County of Sacramento, and Cities of Rancho

[16] In a situation like this, the Local Land Use Authority Permittee will suspend one or more local permits (e.g., grading permit, building permit) until compliance with terms of all SSHCP requirements is demonstrated.

[17] Post-construction monitoring by the Land Use Authority Permittee could continue for several years.

Cordova and Galt). The National Pollution Discharge Elimination System permit is issued to each of the Land Use Authority Permittees every 5 years, and is referred to as the Municipal Separate Storm Sewer System (MS4) permit. MS4 permits contain specific design measures required for all projects constructed within the region. The Stormwater Quality Design Manual for the Sacramento and South Placer Regions (Stormwater Manual) outlines planning tools and requirements to reduce urban runoff from new development and redevelopment projects within the region (Sacramento Stormwater Quality Partnership 2007). The Stormwater Manual is used as a general guidance document to aid with the selection, siting, design, operation, and long-term maintenance of stormwater quality control measures. The Stormwater Manual contains control measures intended to meet the standard of "reducing pollutants in urban runoff to the maximum extent practicable" set forth in the local agencies' MS4 permits issued by the Central Valley Regional Water Quality Control Board. AMM LID-1 (see below) is designed to ensure compliance with MS4 requirements by requiring Third-Party Project Proponents to minimize increases of peak discharge of stormwater and to eliminate or reduce runoff of pollutants.

Development Covered Activities may adversely alter watershed hydrology and degrade water quality, which, in turn, could diminish or eliminate the conservation benefits provided by the SSHCP Preserve System. Condition 1 is designed to conserve and/or rehabilitate on-site natural creeks and streams. This condition will require the provision of BMPs and low-impact development (LID) drainage control measures to ensure that runoff from developed lands will closely mimic the pre-development hydrograph and retain most pre-development hydrologic functions. Condition 1 will accomplish the hydrograph and hydrologic objectives through application of the listed AMMs to all UDA Covered Activities that occur at the parcel, subdivision, or master plan scale.

LID-1 (Stormwater Quality): When the size of a Covered Activity project exceeds the thresholds established by the State Water Resources Control Board (SWRCB) (see the most recent Stormwater Quality Design Manual for the Sacramento and South Placer Regions, or future SWRCB-approved design manuals applicable to the Plan Area), incorporate stormwater management into site design to satisfy the requirements outlined in the most recent Stormwater Quality Design Manual for the Sacramento and South Placer Regions. Stormwater management may include groundwater recharge (LID-2) and natural site features (LID-3).

LID-2 (Groundwater Recharge): When siting SSHCP Preserves containing Riparian, Open Water, or Freshwater Marsh SSHCP land cover types, the Implementing Entity will prioritize locations that are suitable for groundwater recharge.

LID-3 (Natural Site Features): Incorporate preservation of a site's natural aquatic features (such as creeks and streams) into project design to retain natural hydrologic patterns and to retain habitat that might be used by Covered Species.

Condition 2. Avoid and Minimize Urban Development Direct and Indirect Impacts to Existing Preserves and SSHCP Preserves

Development Covered Activities adjacent to Preserves may adversely impact species that use the Preserve, and erode or eliminate the conservation benefits provided by the Preserve. Condition 2 seeks to avoid or minimize the following Covered Activity environmental stressors that may result in direct and indirect impacts to the SSHCP Preserve System:

- Alterations to landscape hydrology from new impervious surfaces may adversely affect natural communities in the lower watershed, the ecology of a Preserve, and/or downstream aquatic resources.
- Water runoff from development or from roadways directed into Preserves may introduce harmful substances into Preserves. Unseasonal and/or additional water entering a Preserve may eliminate vernal pools and other seasonal wetlands native to the region by converting them to low-functioning perennial wetlands.
- Development adjacent to Preserves may partially to fully remove the soil's "perched aquifer" (see Chapter 3) and reduce or eliminate the micro-watersheds that support the hydrology of vernal pools within the Preserve boundary. These changes may adversely affect the existing hydrologic regime of vernal pools by changing the timing, depth, and/or duration of vernal pool saturation and/or ponding, causing long-term changes to a suite of vernal pool functions. For example, changes to water chemistry could adversely affect species habitat. Although the vernal pools remain, the environmental conditions of the pools may no longer provide habitat for vernal pool Covered Species, or provide the benefit of other wetland functions (e.g., stormwater attenuation) compared to pre-project conditions.
- Introduction or proliferation of non-native or invasive plant and wildlife species may displace native species.
- Landscaping in the interface of a development and a Vernal Pool–Grassland Preserve often includes native or non-native trees and other plant species that are not found in California grasslands and, therefore, cannot survive on the Vernal Pool–Grassland Preserve border without intensive irrigation and cultivation. In addition to adverse effects from irrigation and landscape maintenance, adult trees may become landscape barriers that inhibit species movement and may act to isolate individual Preserves from the larger SSHCP Preserve System.
- Recreational use of Preserves near developed areas may compact soils, eliminate vegetation, impair hydrologic functions, introduce weeds or invasive plant species, and disturb plants and wildlife.

- Introduction of light, noise, or vibrations may disrupt normal nocturnal and diurnal cycles of native species.

AMMs associated with Condition 2 must be applied to all UDA Covered Activities that border an existing Preserve or planned SSHCP Preserve.

EDGE-1 (Compatible Land Uses): To the maximum extent practicable, development project Covered Activities will locate compatible land uses (e.g., designated open space such as parks and ball fields, detention basins, and other land uses with less-intensive human activity) in areas immediately adjacent to existing or planned Preserve boundaries. The compatible land use will provide additional buffering of Preserves from potential indirect effects of adjacent urban development. The soil surfaces in a compatible land use area may be re-contoured provided that the soil restrictive layer remains undamaged and most of the soil profile above the restrictive layer remains intact. The Land Use Authority will determine when it is not practicable to locate a compatible land use adjacent to existing or planned Preserve boundaries.

EDGE-2 (Single-Loaded Streets): To the maximum extent practicable, the design of Urban Development Covered Activities will locate single-loaded streets adjacent to existing or planned Preserve. The Land Use Authority will determine when single-loaded streets are not practicable.

EDGE-3 (Preserve Setbacks): Urban Development Covered Activities constructed adjacent to existing or planned Preserves must establish a minimum 50-foot-wide setback outward from the boundary of any existing Preserve or planned SSHCP Preserve. This minimum 50-foot-wide setback will function as a transition between Urban Development and the Preserve, and must be managed to maintain the natural community of vegetation present in the adjacent Preserve. As much of the setback as possible should remain in the same natural habitat as the Preserve.

However, as discussed in Section 5.2.5, Covered Activities in Preserve Setbacks in the UDA, where an existing or planned Preserve is adjacent to an existing roadway (e.g., collectors, arterials, thoroughfares), the 50-foot Preserve Setback will not be required, and any bicycle or pedestrian trail will be established in the road right-of-way. In addition, where a planned roadway crosses an existing or planned Preserve, no Preserve Setback will be required, and any bicycle or pedestrian trail will be established in the road right-of-way.

EDGE-3a (Setback Recreational Trails): Trails are best suited outside of the setback; however, certain types of recreational trails or facilities (e.g., benches, trash receptacles, shade structures, fencing) that can be constructed with minimum ground disturbance and in compliance with EDGE-7 may be allowed within a Preserve Setback, as specified in Section 5.2.5, Covered Activities in Preserve Setbacks in the UDA. Preserve Setback design must locate trails on the side nearest development, away from the Preserve boundary. Trails may be permeable or semi-permeable hiking trails or paved community trials. The maximum trail width will be 16 feet total, including 2-foot-wide shoulders. Post and cable fencing, split rail, or other open fencing will be installed adjacent to recreation trails to keep pedestrians on the trail.

EDGE-3b (Setback Firebreaks): If approved by the local authorities, the Preserve Setback trail may also be used as a firebreak. In instances where a trail cannot act as a firebreak, the firebreak will be located between the trail and the Preserve boundary (see Section 5.2.7). Firebreaks allowed inside the setbacks must be created by methods that will not disturb the soil's restrictive layer, such as mowing, minor scraping of surface vegetation, or shallow tilling, to comply with EDGE-7. Firebreak width within Preserve Setbacks is the minimum width needed to comply with applicable local codes.

EDGE-3c (Setback Shade Trees and Landscaping): To prevent potential impacts from irrigation water or from accumulation of leaf litter onto the grasslands or vernal pools of a Preserve, planting of shade trees or landscaping vegetation will be limited to the area of the Preserve Setback located between the recreation trail and the adjacent urban development (i.e., away from Preserves).

- Only drought-tolerant plant species will be planted. The planting pallet used for Preserve Setback landscaping will not include invasive plant species listed in the California Invasive Plant Council's (Cal-IPC) California Invasive Plant Inventory Database or listed in the Cal-IPC California Invasive Plant Watch List (see http://www.cal-ipc.org/paf/). Any shade trees planted along Preserve Setback trails will be native species that are found in California grasslands and that can survive in the Vernal Pool–Grassland border without long-term irrigation or fertilization (e.g., valley oak, black oak, blue oak, oracle oak). In general, no more than 30% of any 1,000-foot-long segment of a Preserve Setback trail will have canopy cover from tree plantings (to be consistent with maximum tree densities naturally found within native California grasslands and savanna).

- Drip irrigation will be allowed for a maximum of 5 years to establish shade trees or landscape vegetation between the recreation trail and adjacent urban development. The Implementing Entity has the discretion to allow irrigation to continue past 5 years if extenuating circumstances necessitate it (e.g., during a drought) and the continuance of irrigation will not affect the Preserve. Any irrigation systems located within Preserve Setbacks will be inspected quarterly to determine if such systems are affecting soils or vegetation not part of the intended plantings. Irrigation system repairs will be completed immediately if it is determined that the irrigation system is affecting vegetation or soil moisture not part of the intended tree planting.
- If, during annual monitoring of the adjacent Preserve (see Chapter 8), adverse indirect effects (e.g., leaf litter accumulation, irrigation runoff, plant encroachment) of the Preserve Setback's planted vegetation are detected, then the SSHCP Implementing Entity, the Preserve Manager, and the entity responsible for the Preserve Setback will identify appropriate adaptive management of the Preserve Setback tree or landscape plantings in accordance with the Preserve Setback Easement (see Section 5.2.5 and Chapter 9).

EDGE-4 (Locate Stormwater Control Outside Preserves): Roads, sidewalks, and other impermeable surfaces of Urban Development Covered Activities adjacent to existing or planned Preserves will slope away from Preserves and Preserve Setbacks or intercept drainage with swales or curbs and gutters to preclude drainage from entering Preserves and Preserve Setbacks. Stormwater flows must be directed away from Preserves and Preserve Setbacks and directed into stormwater control facilities inside the development (outside Preserves and Preserve Setbacks)[18] (see EDGE-6 for exception to EDGE-4 in certain SSHCP Linkage Preserves).

EDGE-5 (Stormwater Control in Preserve Setbacks): If trails are established in any Preserve Setback in compliance with EDGE-3, the trail must be sloped away from the Preserve, and rainwater leaving the trail surface must flow into an adjacent low-velocity bio-retention swale or cell to keep rainwater runoff and trail contaminants from entering the Preserve. Low-velocity bio-retention swales or cells are typically small linear features placed on one or both sides of a trail. As required by EDGE-3, trails and their adjacent bio-retention swales or cells must be located on the side of the Preserve Setback nearest development.

[18] Detention basins are allowed in some Linkage Preserves consistent with the requirements of EDGE-6. At the time of SSHCP preparation, seven Linkage Preserves with drainages are planned SSHCP Preserves: L1, L2, L4, L7, L8, L9, and L10 (see Section 5.2.7 and Section 7.5). Also see project-specific measures in Section 5.5.1.

EDGE-6 (Detention Basins in Linkage Preserves): Because planned SSHCP Linkage Preserves L1, L2, L4, L7, L8, L9, and L10 (see Section 7.5) surround natural creeks or streams that must receive stormwater from planned adjacent Urban Development Covered Activities, a limited number of stormwater detention basins will be allowed on those Linkage Preserves. Detention basins within Linkage Preserves (see Section 5.2.7) will be designed and constructed with fill material to build up the perimeter of the detention basin so as not to impact the soil restrictive layer (duripan or hardpan) and function of the soil perched aquifer. Detention basins within Linkage Preserves will capture stormwater flows and runoff, and will discharge water to the stream/creek or percolate collected water to the soil perched aquifer. Detention basin structures that collect stormwater entering the basin or convey stormwater leaving the basin must be designed to avoid and minimize effects to Covered Species habitat in the Linkage Preserve.

EDGE-7 (Hardpan/Duripan Protection): To protect the soil perched aquifer and the micro-watersheds supporting existing vernal pool hydrology, activities that have the potential to cut into, disrupt, or remove the soil's restrictive layer (hardpan or duripan) will not occur within Preserves or Preserve Setbacks. However, in certain circumstances, the Covered Activities defined in Section 5.2.6, Covered Activities in Stream Setbacks in the UDA, and Section 5.2.8, Covered Activities in the Laguna Creek Wildlife Corridor of the Preserve System, may result in punctures[19] or other minor disruptions of the soil hardpan or duripan if approved by the Implementing Entity and the Technical Advisory Committee according to the process described in Chapter 9 of the SSHCP. If a Covered Activity on a Preserve or Preserve Setback results in a puncture or other disruption to the soil hardpan or duripan, the puncture will be sealed using bentonite clay or other material that maintains the functionality of the soil's restrictive layer and associated perched aquifer.

EDGE-8 (Outdoor Lighting): All outdoor lighting in Urban Development Covered Activity projects will be designed to minimize light pollution into existing and planned Preserves, except where a Land Use Authority Permittee determines lighting is necessary for public safety or security. Minimization measures may include light fixture placement (e.g., as low to the ground as possible), lamp designs (e.g., shielding, low glare, or no lighting), directing light away from Preserves, or other means to avoid or minimize light pollution. The Third-Party Project Proponent will use the best information available at the time of project design to minimize effects of light pollution on target SSHCP Covered Species (e.g., western spadefoot (*Spea*

[19] Punctures may include small holes that penetrate the soil hardpan or duripan such as might occur when digging or drilling holes for the installation of fence posts, sign posts, or trees.

hammondii), Valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*), and Ricksecker's water scavenger beetle (*Hydrochara ricksecker*i)).

EDGE-9 (Livestock Access to Preserves): Urban Development Covered Activity projects that include on-site Preserves will include in their design an adequate number of access points and facilities for delivery and pick up of grazing animals (livestock), such that these activities will not significantly alter the Preserve's habitat and are consistent with the protection of livestock and protection of adjacent public property, and include adequate public safety measures.

EDGE-10 (Prevent Invasive Species Spread): Completed Covered Activities (including roads) will be maintained in a manner that avoids the spread of invasive species into Preserve and Open Space areas. Such maintenance measures will include the following:

- To prevent the transport of non-native invasive species onto Preserves, before bringing any equipment onto an SSHCP Preserve or Preserve Setback, equipment must be cleaned of mud, dirt, and plant material. Cleaning will occur in the infested area or another appropriate location as approved by a Plan Permittee.
- Mowing rotation will start in un-infested areas and move to infested areas.
- Invasive plant prevention techniques will be incorporated into maintenance plans.
- The SSHCP Implementing Entity will survey road shoulders, ditches, and rights-of-way that border SSHCP Preserves for invasive weeds or other exotic plant species. Where roadside weed infestations have reached a critical control point, the Implementing Entity or Land Use Authority Permittee will apply the appropriate manual, mechanical, or chemical treatment.

Condition 3. Implement Construction Best Management Practices

AMMs associated with Condition 3 must be applied to all UDA Covered Activities.

BMP-1 (Construction Fencing): Orange construction fencing will be installed to ensure that ground disturbance does not extend beyond the allowed construction footprint (i.e., the limit of project construction plus equipment staging areas and access roads). Plan Permittees and Third-Party Project Proponents implementing ground-disturbing Covered Activities will mark the outer boundary of any Preserve Setback or Stream Setback adjacent to or within the project site with orange construction fencing prior to ground disturbance. This fencing will remain in place until project completion, as identified by the Plan Permittee.

BMP-2 (Erosion Control): Plan Permittees and Third-Party Project Proponents implementing ground-disturbing Covered Activities will install temporary control measures for sediment, stormwater, and pollutant runoff as required by the Plan Permittee to protect water quality and species habitat. Silt fencing or other appropriate sediment control device(s) will be installed downslope of any Covered Activity that disturbs soils.

Fiber rolls and seed mixtures used for erosion control will be certified as free of viable noxious weed seed. As discussed in Section 5.4.2, Covered Species Take Avoidance and Minimization Measures, erosion controls installed in or adjacent to Plan Area modeled habitat for giant gartersnake (*Thamnophis gigas*), western pond turtle (*Actinemys marmorata*), California tiger salamander (*California tiger salamander*), or western spadefoot (see Chapter 3) must be of appropriate design and materials that will not entrap the species (e.g., not contain mesh netting). Regular monitoring and maintenance of the project's erosion control measures will be conducted until project completion to ensure effective operation of erosion control measures.

BMP-3 (Equipment Storage and Fueling): Plan Permittees and Third-Party Project Proponents implementing ground-disturbing Covered Activities will ensure that equipment storage and staging will occur in the development footprint only (not sited in any existing on-site Preserve, planned on-site Preserve, Preserve Setback, Stream Setback, or aquatic land cover type). Fuel storage and equipment fueling will occur away from waterways, stream channels, stream banks, and other environmentally sensitive areas within the development footprint.

However, certain equipment storage and fueling activities can be allowed on Preserves within habitat re-establishment/establishment sites (refer to Section 5.2.7) if no location outside of the site is available. If a Covered Activity results in a spill of fuel, hydraulic fluid, lubricants, or other petroleum products, the spill will be absorbed and waste disposed of in a manner to prevent pollutants from entering a waterway, Preserve, Preserve Setback, or Stream Setback.

BMP-4 (Erodible Materials): Plan Permittees and Third-Party Project Proponents implementing Covered Activities must not deposit erodible materials into waterways. Vegetation clippings, brush, loose soils, or other debris material will not be stockpiled within stream channels or on adjacent banks. Erodible material must be disposed of such that it cannot enter a waterway, Preserve, Preserve Setback, Stream Setback, or aquatic land cover type. If water and sludge must be pumped from a subdrain or other structure, the material will be conveyed to a temporary settling basin to prevent sediment from entering a waterway.

BMP-5 (Dust Control): Plan Permittees and Third-Party Project Proponents implementing ground-disturbing Covered Activities will water active construction sites regularly, if warranted, to avoid or minimize impacts from construction dust on adjacent vegetation and wildlife habitats. No surface water will be used from aquatic land covers; water will be obtained from a municipal source or existing groundwater well.

BMP-6 (Construction Lighting): Plan Permittees and Third-Party Project Proponents implementing ground-disturbing Covered Activities will direct all temporary construction lighting (e.g., lighting used for security or nighttime equipment maintenance) away from adjacent natural habitats, and particularly Riparian and Wetland habitats and wildlife movement areas.

BMP-7 (Biological Monitor): If a Covered Activity includes ground disturbance within Covered Species modeled habitat, an approved biologist will be on site during the period of ground disturbance, and may need to be on site during other construction activities depending on the Covered Species affected. After ground-disturbing project activities are complete, the approved biologist will train an individual to act as the on-site construction monitor for the remainder of construction, with the concurrence of the Permitting Agencies. The on-site monitor will attend the training described in BMP-8. The approved biologist and the on-site monitor will have oversight over implementation of Avoidance and Minimization Measures, and will have the authority to stop activities if any of the requirements associated with those measures are not met. If the monitor requests that work be stopped, the Wildlife Agencies will be notified within one working day by email. The approved biologist and/or on-site monitor will record all observations of listed species on California Natural Diversity Database field sheets and submit them to the California Department of Fish and Wildlife. The approved biologist or on-site monitor will be the contact source for any employee or contractor who might inadvertently kill or injure a Covered Species or who finds a dead, injured or entrapped individual. The approved biologist and on-site monitor's names and telephone numbers will be provided to the Wildlife Agencies prior to the initiation of ground-disturbing activities. Refer to species-specific measures for details on requirements for biological monitors.

BMP-8 (Training of Construction Staff): A mandatory Worker Environmental Awareness Program will be conducted by an approved biologist for all construction workers, including contractors, prior to the commencement of construction activities. The training will include how to identify Covered Species that might enter the construction site, relevant life history information and habitats, SSHCP and

statutory requirements and the consequences of non-compliance, the boundaries of the construction area and permitted disturbance zones, litter control training (SPECIES-2), and appropriate protocols if a Covered Species is encountered. Supporting materials containing training information will be prepared and distributed by the approved biologist. When necessary, training and supporting materials will also be provided in Spanish. Upon completion of training, construction personnel will sign a form stating that they attended the training and understand all of the Avoidance and Minimization Measures. Written documentation of the training must be submitted to the Implementing Entity within 30 days of completion of the training, and the Implementing Entity will provide this information to the Wildlife Agencies.

BMP-9 (Soil Compaction): After construction is complete, all temporarily disturbed areas will be restored similar to pre-project conditions, including impacts relating to soil compaction, water infiltration capacity, and soil hydrologic characteristics.

BMP-10 (Revegetation): Plan Permittees and Third-Party Project Proponents implementing ground-disturbing Covered Activities will revegetate any cut-and-fill slopes with native or existing non-invasive, non-native plants (e.g., non-native grasses) suitable for the altered soil conditions and in compliance with EDGE-2 and EDGE-8, if applicable.

BMP-11 (Speed Limit): Project-related vehicles will observe the posted speed limits on paved roads and a 10-mile-per-hour speed limit on unpaved roads and during travel in project areas. Construction crews will be given weekly tailgate instruction to travel only on designated and marked existing, cross-country, and project-only roads.

Condition 4. Avoid and Minimize Impacts that May Result from Implementation of Covered Transportation Projects

Urban Development transportation project and Rural Transportation Project Covered Activities, including bridge projects, can affect Covered Species. AMMs included for Condition 4 seek to avoid or minimize direct and indirect impacts that may result from construction of roadways or roadway improvements. Condition 4 applies to all transportation-related Covered Activities (see Sections 5.2.1 and 5.2.3).

Plan Permittees and Third-Party Project Proponents implementing Urban Development transportation or Rural Transportation Project Covered Activities must comply with the roadway siting, design, and construction AMMs described below.

ROAD-1 (Road Project Location): Road projects will be located in the least environmentally sensitive area to avoid, to the maximum extent practicable, impacts on Covered Species, Covered Species habitat, and waters of the United States. Road project alignments will follow existing roads, road easements, and rights-of-way, or be sited in disturbed areas to minimize habitat loss and additional habitat fragmentation.

ROAD-2 (Wildlife Crossing Structures): Road projects that are Urban Development Covered Activities (see Section 5.2.1) (including the Capital Southeast Connector, see Section 5.2.1.1) or are Rural Transportation Covered Activities (see Section 5.2.3) will include an adequate number of wildlife crossing structures, as depicted in Figure 5-10. An adequate number of wildlife crossing structures within the Urban Development Area (UDA) and outside the UDA will provide for continued dispersal and movement of native wildlife throughout the SSHCP Plan Area, as required by the SSHCP Biological Goals and Objectives (see Chapter 7).

The Plan defines "wildlife crossing structure" as a physical structure specifically designed or retrofitted to facilitate undercrossing for target wildlife species. The Plan further classifies wildlife crossings as hydrologic crossings and dry crossings. Hydrologic crossings are built where there is an existing stream, creek, or intermittent drainage to maintain existing hydrologic connectivity within the Plan Area. As described below, hydrologic crossings require specialized features to be built into the crossing structure, such as elevated platforms to allow wildlife to pass under a crossing structure when it is inundated with water. Dry wildlife crossings are built where there is no hydrologic feature but where a crossing is needed to provide for overland connectivity. SSHCP wildlife crossing structures may include structures such as bridges, arches, or box and pipe culverts.

Plan Permittees expect that future wildlife movement and dispersal within the UDA will occur almost entirely within the boundaries of the future interconnected SSHCP Preserve System (see Section 7.5). Therefore, wildlife crossings are needed wherever a roadway crosses (bisects) the conceptual SSHCP Preserve System (see Figure 5-10). Wildlife crossing structures inside the UDA will be sized to accommodate movement of a highly mobile native indicator species (i.e., coyote (*Canis latrans*)). By designing UDA wildlife crossing structures to meet the movement and dispersal requirements of coyote, the Plan Permittees anticipate that the crossing structure will also accommodate most native wildlife species that currently occupy the UDA (see Chapter 3).

The Plan Permittees expect that most of the Plan Area outside of the UDA will remain as Open Space over the 50-year Permit Term (see Chapter 4). Therefore,

the Plan Permittees expect that the Rural Transportation Project Covered Activities proposed outside the UDA will have a relatively small effect on the movement and dispersal of larger or more mobile native wildlife species, including coyote. Consequently, the Plan Permittees anticipate that the design of Rural Transportation Project Covered Activities outside the UDA will need to include wildlife crossing structures primarily where the Rural Transportation Project Covered Activities occur within California tiger salamander modeled habitat (see CTS-3 and also Chapter 3, Figure 3-16).

The design and location of wildlife crossing structures both inside the UDA and outside the UDA will be determined by collaboration between the Third-Party Project Proponent, the Land Use Authority, and the Implementing Entity. Crossing design will use the best available scientific and commercial information for the target species. The design of crossing structures will be based on demonstrated effectiveness of design for the target species when such information is available, or will be designed with a high level of certainty of success based on studies of similar taxa in similar environmental settings. The proposed wildlife crossing structures designs will be reviewed and approved by the Implementing Entity prior to final design.

The Implementing Entity will develop a Wildlife Crossing Maintenance Manual to be provided to the entity responsible for maintaining the wildlife crossing. The Wildlife Crossing Maintenance Manual will identify vegetation management, clearing of obstructions, and other techniques to maintain the desired movement and hydrologic connectivity, and to avoid effects to adjacent Preserves.

All SSHCP wildlife crossing structures in the UDA will include the following design elements:

- Open-bottom bridges or arches where the roadway crosses a river or stream. Where an open-bottom bridge or arch is used, the span of the crossing will be at least 1.2 times the bankfull width of the stream and span the banks to allow for dry wildlife passage along each side of the stream and to avoid or minimize piers or footings within the stream. (Bankfull width refers to the width of a stream channel at the point where over-bank flow begins during a flood event.)
- Any wildlife crossing structure that also maintains hydrologic connectivity will be designed to maintain pre-construction water capacity, depth, and velocity. The crossing structure will not restrict or impede normal flows or flood flows, unless a primary purpose of the structure is to manage such

flow(s). Wildlife crossing structures must be designed to provide a dry passage (e.g., a platform ledge) higher than flows for a 10-year storm event to allow wildlife to pass through an inundated crossing structure.

- Wildlife crossing structures in the UDA will be designed and sized to accommodate movement of at least medium-sized mammals (e.g., coyote). The opening must be at least 3 feet high and the crossing structure must have a minimum openness ratio of at least 0.4.
- Vegetation leading up to the entrance of a crossing structure and the substrate leading into and within the crossing structure will be natural and appropriate to provide for continuity of habitat, attract the target animal species for which the crossing is designed, and facilitate use of the crossing structure.
- A wildlife crossing under six-lane roads or larger will be designed to provide ambient light and temperature in the longer crossing structures (e.g., either by providing a larger opening or a grate at the top of the structure to improve the attractiveness of the crossing to certain Covered Species and wildlife that may hesitate to cross through dark, confined structures or one with a temperature gradient (Jackson and Griffin 2000)). If a road is less than six lanes in width, these designs will be optional.
- Lighting will not be placed at or near the entrance of a wildlife crossing structure to maintain natural ambient light conditions at night and to increase chances of wildlife use. However, a Land Use Authority Permittees may allow lighting if necessary for human health or safety.

Outside the UDA, wildlife crossing structures may be required for California tiger salamander (refer to CTS-1), and could also be required for other native species.

ROAD-3 (Roadside Pesticide Use[20]): If pesticide use is necessary along roadsides, the appropriate SSHCP Permittee will ensure that the pesticide application strictly complies with the pesticide label and all other applicable federal, state, and local authorities pertaining to the use, safety, storage, disposal, and reporting of the pesticide. Where roadside weed infestations have reached a critical control point, the Implementing Entity or a Land Use Authority Permittee will apply the appropriate manual, mechanical, or chemical treatment. In addition, the Implementing Entity or appropriate Land Use Authority Permittee will post signs along road shoulders adjacent to sensitive areas that are within the SSHCP

[20] Use of pesticides (including rodenticides and herbicides) is not an SSHCP Covered Activity. However, pesticide use specified in Section 5.3 is an allowed land management tool, provided the pesticide application is otherwise legal and conforms to all conditions in Section 5.4.

Preserve System (e.g., California tiger salamander breeding ponds, endemic plant populations, vertebrates that rely on insects for part of their diet). The signs will identify pesticide use restrictions or other roadside maintenance restrictions.

Condition 5. Avoid and Minimize Impacts that Result from Public Use of Low-Impact Nature Trails in Preserves

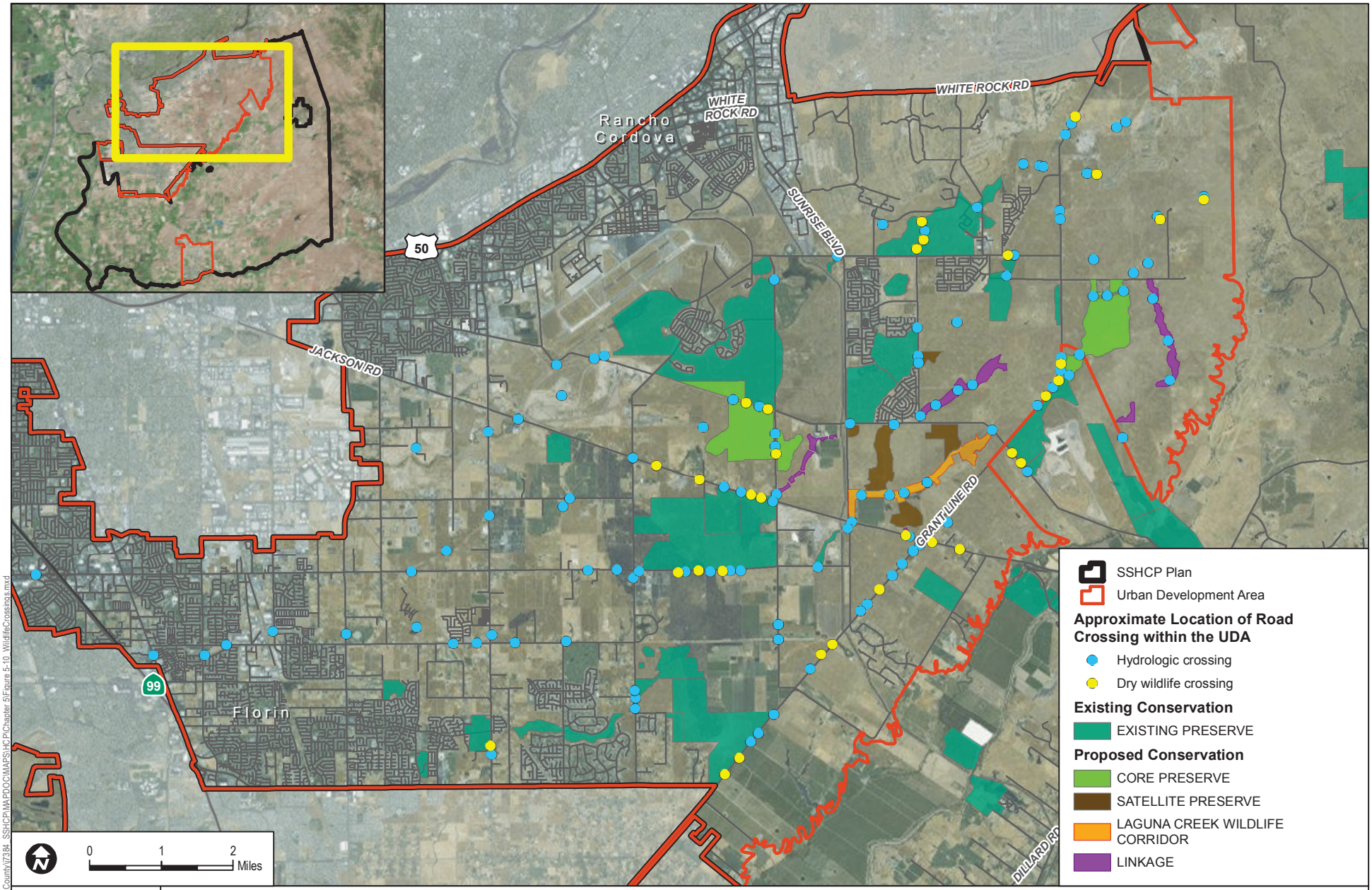
Preserves within the UDA are likely to be surrounded by urban development. As discussed in Section 5.2.7, allowing limited use of SSHCP Preserves will help to foster a sense of community ownership and will provide an opportunity to educate the community about the natural resources to be protected within the SSHCP Preserve System.

Low-impact nature trails will be designed following the AMMs outlined below.

NATURE TRAIL-1 (Nature Trail Plan): A nature trail plan must be prepared for each Preserve where a trail is allowed by the Preserve Management Plan. Nature trails will be unpaved trails that vary in width depending on terrain and existing constraints, but will never exceed 4 feet in width. Where a trail crosses a swale, wooden walkways elevated to a height no greater than 2 feet will be installed. Trail improvements may include mowing vegetation to create or maintain a trail, minor grading to remove trip hazards, and signs providing directional and educational information. Public access to land acquired for preservation will be prohibited until a trail plan can be prepared by the Implementing Entity and approved by the Permitting Agencies. A trail plan will include the following:

- Maps identifying areas that contain sensitive habitats or species occurrences.
- Maps that show the location and footprint of proposed trails.
- Methods used to control public access.
- Trail and use monitoring methods, schedules, and responsibilities.
- Trail operation and maintenance guidelines and responsibilities.
- Clear triggers for use restrictions or closure based on sensitive biological indicators (e.g., seasonal closures of some trails on the basis of activity periods of Covered Species or sensitive species).

NATURE TRAIL-2 (Nature Trail Protection of Duripan): Nature trails will be sited and constructed so as not to interfere with existing soil duripan and the perched aquifer that support the existing hydrologic regime of the Vernal Pool–Grassland, and will not interfere with existing pool hydrology. Trails within Preserves will not be paved.



Path: Z:\Projects\Sacramento_County\7384_SSHCP\MAPDOC\MAPS\HCP\Chapter 5\Figure 5-10_WildlifeCrossings.mxd

SOURCE: ESRI, County of Sacramento 2014, USFWS 2015

FIGURE 5-10

Wildlife Crossings

SOUTH SACRAMENTO HABITAT CONSERVATION PLAN

INTENTIONALLY LEFT BLANK

NATURE TRAIL-3 (Nature Trail Location): Nature trails will be located away from sensitive natural resources (e.g., vernal pools, riparian habitat, woodland habitat, Covered Species occurrences, raptor nesting sites, tricolored blackbird (*Agelaius tricolor*) colony sites). The Wildlife Agencies will determine the distance necessary to avoid impacts to sensitive natural resources.

NATURE TRAIL-4 (Biological Studies Prior to Nature Trail Design): Biological studies will be conducted within the area being considered for nature trail construction prior to project design. The studies will include land cover type mapping and focused species surveys and/or wetland delineations. The biological studies will include assessments of potential effects of trail construction on Preserve System resources, and recommendations for avoidance and minimization that may be incorporated into project siting, design, construction, and operation.

NATURE TRAIL-5 (Monitoring of Nature Trail Impacts): Impacts that could result from use of a nature trail within a Preserve will be monitored according to the Preserve Management Plan (Chapter 8) to ensure that uses do not conflict with the individual Preserve Management Plan. If use of a trail is found to conflict with the individual Preserve Management Plan, use of that trail will be discontinued until adjustments in the use can be made to reduce or eliminate conflicts. The Implementing Entity will make decisions about discontinuing or modifying use of a trail in consultation with the Preserve Manager or other applicable Preserve management agency or organization.

Condition 6. Avoid and Minimize Impacts When Re-Establishing or Establishing Wetlands

As discussed in Chapter 7, the Plan Permittees anticipate that 389 acres of Vernal Pool habitat will be re-established or established[21] within the Plan Area as part of the SSHCP Conservation Strategy. Although re-establishment or establishment of vernal pools is a Measurable Objective under this Plan, if not done correctly, the action could have an adverse impact on existing vernal pools.

RE-ESTABLISHMENT/ESTABLISHMENT-1 (Vernal Pool): Re-establish or establish Vernal Pool Wetland according to the following guidelines:

- Re-establishment will always take priority over establishment of vernal pools. Establishment will be permitted only after it has been determined that sites with the potential to re-establish vernal pools no longer exist in the Plan Area or cannot be acquired through a willing seller/buyer agreement.

[21] In the context of this Plan, "establish" is synonymous with "create."

- When possible, re-established or established sites will be located adjacent to an existing Preserve(s) to maximize connectivity and Preserve area.
- Re-establishment or establishment will not result in direct or indirect adverse impacts to the hydrologic regime of existing vernal pools. Vernal pool re-establishment or establishment actions will not remove more than 10% of any existing vernal pool watershed, as defined by the SSHCP LIDAR analysis (see Section 3.3 and Conservation Action VPI1.2 in Table 7.1).
- Vernal pool re-establishment will attempt to restore the historical density and range of vernal pool sizes to the maximum extent feasible using historical aerial photography of the site, if available. Where aerial photography of the site's historical conditions is not available, vernal pool re-establishment will include a range of pool sizes (area and depth) to accommodate the different habitat needs and life history characteristics of the vernal pool invertebrate Covered Species.
- Established vernal pools must be located on sites with vernal pool soils, defined as any Plan Area soil type where vernal pools currently exist.
- Established vernal pool sites will include a range of pool sizes to accommodate the different habitat needs and life history characteristics of the three vernal pool invertebrate Covered Species.
- The total density of vernal pools will not exceed 10% of the suitable soil areas in any vernal pool re-establishment and/or establishment site, unless it can be shown that the suitable areas of that site historically supported greater densities.
- Re-establishment or establishment may include inoculation when it is likely that no seed or cyst bank of vernal pool species remains at a site. Vernal Pool inocula will come from nearby vernal pools that are on the same geologic formation and soil type.

RE-ESTABLISHMENT/ESTABLISHMENT-2 (Vernal Pool Inocula Bank): Vernal pool re-establishment or establishment may include "soil inoculation" when it is likely that no seed or cyst bank of vernal pool species remains at a re-establishment or establishment site.

- During conversion of Urban Development Area vernal pools to a developed land cover type, project proponents will excavate and retain soil from vernal pools following protocols developed by the SSHCP Technical Advisory Committee (Chapter 9).

- Inocula applied in re-established or established vernal pools must be harvested from a vernal pool that is on the same geologic formation and soil type shown on the County General Soil Map as the re-establishment/establishment site. Geologic formations and soil types will follow U.S. Department of Agriculture Soil Conservation Service's 1993 Soil Survey of Sacramento County, California. Proposed off-site inocula sources must be approved by the Wildlife Agencies.

RE-ESTABLISHMENT/ESTABLISHMENT-3 (Re-Establishment/Establishment of Freshwater Marsh or Open Water Near Airports): During review of proposed re-establishment/establishment projects for freshwater marsh or open water on SSHCP Preserves, the Implementing Entity shall consider the potential for the location of the re-establishment/establishment projects to increase the risk of wildlife strikes or generation of ground fog at airports. If a re-establishment/establishment project would result in (1) a net increase in open water or freshwater marsh acreage over baseline conditions[22] within 5 miles of Mather Field, Sacramento Executive Airport, or Franklin Field; or (2) replacement of open water/freshwater marsh habitat that is located 2 or more miles from Mather Field or Sacramento Executive Airport with open water/freshwater marsh habitat that is located less than 2 miles from those airports, a qualified biologist shall prepare a concise letter report. The letter report shall summarize the biologist's findings regarding (1) the species likely to use the re-established/established habitat, (2) a rough order of magnitude estimate on the peak number of birds that might use the re-established/established habitat, and (3) potential movement patterns for birds using the re-established/established habitat and whether they might cross through the airport safety zones (e.g., to reach foraging habitat or another wildlife attractant). The letter report will also provide recommendations to the Implementing Entity on how they could reduce any of the identified wildlife hazards if there are any feasible means to do so that would not conflict with the biological goals and measurable objectives of the Conservation Plan.

Condition 7. Avoid and Minimize Impacts to Streams and Creeks

AMMs associated with Condition 7 must be applied to all Covered Activities where a stream or creek is located within a project footprint.

[22] For purposes of establishing baseline conditions, Freshwater Marsh and Open Water acreages will be calculated using that version of the SSHCP Land Cover Type Map in existence as of the date that the SSHCP permit was issued to the Plan Permittees by the USFWS.

STREAM-1 (Laguna Creek Wildlife Corridor): A 150-foot setback measured from the top of the bank on both sides of the stream will be applied to Laguna Creek within the Urban Development Area (minimum 300-foot corridor width). If trails are located within the Laguna Creek Wildlife Corridor, the nearest edge of the trail will be located at least 80 feet from the top of the bank.

STREAM-2 (UDA Stream Setbacks): A 100-foot setback measured from the top of the bank on both sides of the stream channel will be applied to all streams listed in Table 5-1 (see also Figure 2-4). If a stream reach supports woody riparian vegetation, the setback will be equal to the riparian edge plus 25 feet or will be the setback defined above, whichever is greater. If trails are located within the Stream Setback, the nearest edge of the trail will be located at least 50 feet from the top of the bank.

Table 5-1
Stream Setback Minimum Requirements in the Urban Development Area

Stream	Minimum Setback (from the Top of Bank Measured in Aerial Perspective) on Both Sides of the Stream
Elder Creek	100 feet
Frye Creek	100 feet or as depicted as part of the NewBridge development project hardline Preserve (see Appendix K)
Gerber Creek	100 feet
Morrison Creek	100 feet
Central Paseo	100 feet or as depicted as part of the Cordova Hills development project hardline Preserve (Appendix K)
Sun Creek	100 feet or as depicted as part of the Sun Creek development project hardline Preserve (see Appendix K)

STREAM-3 (Minor Tributaries to UDA Streams): A 25-foot setback measured from the top of the bank on both sides of the stream channel will be applied to all avoided first and second order tributaries to the streams listed in Table 5-1 and Laguna Creek. Refer to Objective W6 in Chapter 7 (Table 7-1) regarding avoided first and second order tributaries. Trails are not permitted within headwater ephemeral Stream Setbacks.

STREAM-4 (Minimize Effects from Temporary Channel Re-Routing): When an Urban Development Covered Activity temporarily re-routes a stream, creek, or drainage, the re-routing will be completed in a manner that minimizes impacts to beneficial uses and habitat. The following measures will be employed to minimize disturbances that will adversely impact water quality:

- No equipment will be operated in areas of flowing or standing water.
- Construction materials and heavy equipment must be stored outside of the active flow of any waters.

- When work within waters is necessary, the entire stream flow will be diverted around the work area.
- In the event of rain, the disturbed in-water work area will be temporarily stabilized before water body flow exceeds the capacity of the diversion structure. The disturbed water body will be stabilized so that the disturbed areas will not come in contact with the flow.
- Once construction is complete, all project-introduced material (e.g., pipes, gravel, cofferdam, sandbags) must be removed, leaving the water as it was before construction. Excess materials will be disposed of at an appropriate disposal site.
- All work areas will be effectively isolated from stream flows using suitable control measures before commencement of any in-water work. The diverted stream flow will not be contaminated by construction activities. Structures for isolating the in-water work area and/or diverting the stream flow (e.g., cofferdam, geo-textile silt curtain) will not be removed until all disturbed areas are cleaned and stabilized.
- Any flow diversion used during construction will be designed in a manner to prevent pollution and minimize siltation, and will provide flows to downstream reaches. Flows will be maintained to support existing aquatic life, riparian wetlands, and habitat that may be located upstream and downstream from any temporary diversion.
- All surface waters, including ponded waters, will be diverted away from areas undergoing grading, construction, excavation, vegetation removal, and/or any other activity that may result in a discharge to waters.
- All temporary dewatering methods will be designed to have the minimum necessary impacts to waters to isolate the immediate work area. All dewatering methods will be installed such that natural flow is maintained upstream and downstream of the diversion area. Any temporary dams and diversions will be installed such that the diversion does not cause sedimentation, siltation, or erosion upstream or downstream of the diversion area. All dewatering methods will be removed immediately upon completion of diversion activities.
- A method of containment must be used below any bridge, boardwalk, and/or temporary crossing to prevent debris from falling into the waters through the entire duration of a project.

- If temporary surface water diversions and/or dewatering are anticipated, the Third-Party Project Proponent will develop and maintain on site a surface water diversion and/or dewatering plan. The plan(s) must be developed prior to initiation of any water diversions and will include the proposed method and duration of diversion activities. The plan(s) must be made available to Central Valley Water Board staff upon request.
- When work in a flowing stream is unavoidable and any dam or other artificial obstruction is being constructed, maintained, or placed in operation, sufficient water will be allowed at all times to pass downstream to maintain beneficial uses of waters below the dam. Construction, dewatering, and removal of temporary cofferdams will not violate the turbidity, settle-able matter, pH, temperature, or dissolved oxygen requirements of any Water Quality Control Plan.
- Any temporary dam or other artificial obstruction will only be built from clean materials such as sandbags, gravel bags, water dams, or clean/washed gravel that will cause little or no siltation. Stream flow will be temporarily diverted using gravity flow through temporary culverts or pipes, or pumped around the work site with the use of hoses.

STREAM-5 (Design for Stream Channel Re-Routing, Widening, or Deepening): When an Urban Development Covered Activity alters a stream, creek, or drainage by re-routing, widening, or deepening a channel, the project design will include the following:

- The main channel of a re-routed channel will be free to migrate laterally over its active and terrace floodplain.
- Channel geometry (plan, profile, and cross-section) of the site will be appropriate for the watershed location and physical/hydrologic condition.
- Local, native materials will be used as fill material to the extent practicable.
- Bioengineering techniques will be used for construction and maintenance of bank stabilization. Bioengineered bank stabilization structures will use vegetation in combination with bank reshaping; biodegradeable geotextile materials; and, in some cases, a minimal amount of rock or wood to the extent practicable to dissipate erosive energy. Third-Party Project Proponents will consult a professional engineer when considering using bioengineering techniques.
- All re-routed, widened, or deepened streams are required to establish Stream Setbacks with minimum widths required under STREAM-1, STREAM-2, or STREAM-3. All re-routed, widened, or deepened streams must re-establish/

establish and maintain native Woody Riparian land cover and/or native Grassland Riparian land cover in the entire Stream Setback.

Condition 8. Avoid and Minimize Impacts to Covered Species from Utility and Utility Maintenance Covered Activities

AMMs associated with Condition 8 must be applied to all Covered Activities associated with construction and maintenance of infrastructure projects.

UTILITY-1 (Avian Collision Avoidance): Installation of new, or relocation of existing, utility poles, lines, and cell towers located within the Preserve System or within 1,000 feet of a Preserve boundary will be coordinated with the U.S. Fish and Wildlife Service and California Department of Fish and Wildlife. The applicant or relevant utility/service provider will install utility poles, lines, and cell towers in conformance with Avian Powerline Interaction Committee (APLIC) standards for collision-reducing techniques, as outlined in Reducing Avian Collisions with Power Lines: State of the Art in 2012 (APLIC 2012), or any superseding document issued by the APLIC.

UTILITY-2 (Utility Maintenance on Preserves): Utility maintenance inside SSHCP Preserves and SSHCP Preserve Setbacks containing vernal pools will occur only when vernal pools have been dry for 30 days, except in emergency situations related to human health and safety.

UTILITY-3 (Trenchless Construction Methods): Where a pipeline or conduit crosses an existing or planned Preserve or will be located between adjacent Preserves (e.g., under a roadway that has a Preserve on both sides), trenchless construction methods will be used to minimize impacts to the existing soil profile (including impacts to a hardpan or duripan) to maintain the perched aquifer in Vernal Pool Grassland land cover type.

UTILITY-4 (Siting of Entry and Exit Location): The entry and exit locations for the trenchless construction method (see Utility-3) will be sited to avoid impacts to vernal pools and Riparian Woodland, and to avoid direct take of SSHCP Covered Species.

Condition 9. Avoid and Minimize Impacts That Might Result From Removing or Breaching Levees to Establish or Re-establish Riparian Habitat

LEVEE-1 (Preparation of Hydrologic Analysis): Prior to approving a draft Preserve Management Plan that includes (1) modifying or breaching an existing levee, or (2) would place a potential impedance to high-water event flood-flows on the water side of an existing levee (including new riparian vegetation plantings or

other new Preserve facilities), a hydrologic analysis will be conducted. The Preserve activity will only be implemented if the hydrologic analysis concludes that the activity will not result in a substantial increase in flood stage elevations or flood risk on lands outside the Preserve.

Condition 10. Avoid and Minimize Impacts That Might Result From Potential Residual Contamination of Preserves and Related Exposure of People to Such Hazardous Materials

HAZARDOUS MATERIALS-1 (Preparation of Phase I Environmental Site Assessment): Prior to the acquisition of a preserve site or implementation of a stream or riparian restoration project, a Phase I Environmental Site Assessment shall be conducted in general accordance with the American Society for Testing and Materials Standard Practice E1527-05. The purpose of this Environmental Site Assessment is to identify, to the extent feasible pursuant to the American Society for Testing and Materials Standard, recognized environmental conditions in connection with the potential site. The term "recognized environmental condition" means the presence or likely presence of hazardous substances or petroleum products on the property under conditions that may indicate an existing release, a past release, or a material threat of release of these substances to the property. If the Phase 1 Environmental Site Assessment indicates the presence of a recognized environmental condition, the Implementing Entity shall consider the following options.

- Determine that the acquisition/project can proceed on the basis that the Habitat Plan goals and objectives can be met on the site even with the presence of a recognized environmental condition.
- Conduct a Phase II Environmental Site Assessment, including soil and groundwater testing, to further study the potential for contamination to limit the Implementing Entity's management activities.
- If the results of the Phase I (or Phase II) Environmental Site Assessment indicate that the Habitat Plan goals and objectives cannot be met on the site, the Implementing Entity should not acquire the site.

HAZARDOUS MATERIALS-2 (Contingency Plan): As part of each Preserve Management Plan or site restoration plan, a Contingency Plan shall be prepared to address the actions that would be taken during construction in the event that unexpected contaminated soil or groundwater is discovered. The Contingency Plan shall include health and safety considerations, handling and disposal of wastes, reporting requirements, and emergency procedures. The Contingency Plan shall include a requirement that if evidence of contaminated materials is encountered

during construction, construction would cease immediately and applicable requirements of the Comprehensive Environmental Release Compensation and Liability Act and the California Code of Regulations Title 22 regarding the disposal of waste would be implemented.

5.4.2 Covered Species Take Avoidance and Minimization Measures

The following section describes measures to avoid or minimize effects of Covered Activities on specific SSHCP Covered Species. Species-specific AMMs include species surveys, pre-construction surveys, and construction monitoring. Most species-specific AMMs require that species surveys be conducted if Covered Species modeled habitat is within the proposed Covered Activity footprint or within a specified distance of the proposed Covered Activity. Section 3.4 provides maps and descriptions of modeled habitat for each Covered Species. The AMMs described below apply to Covered Activities when Covered Species modeled habitat or a Covered Species occurrence are at a project site. The Implementing Entity and Wildlife Agencies may update specific SSHCP AMMs over the Permit Term to provide the best and most appropriate protective measures for a Covered Species.

General Covered Species Take Avoidance and Minimization Measures

The following AMMs will apply to all Covered Activities that are required to implement Covered Species take AMMs.

SPECIES-1 (Litter Removal Program): A litter control program will be instituted for the entire project site. All workers will ensure that their food scraps, paper wrappers, food containers, cans, bottles, and other trash are deposited in covered or closed trash containers. All garbage will be removed from the project site at the end of each work day, and construction personnel will not feed or otherwise attract wildlife to the area where construction activities are taking place.

SPECIES-2 (No Pets in Construction Areas): To avoid harm and harassment of native species, workers and visitors will not bring pets onto a project site.

SPECIES-3 (Take Report): If accidental injury or death of any Covered Species occurs, workers will immediately inform the approved biologist or on-site monitor and site supervisor. The approved biologist or on-site monitor will phone the appropriate contact person at the Implementing Entity. The Implementing Entity will immediately contact the Wildlife Agencies by telephone. A memorandum will be provided to the Implementing Entity and Wildlife Agencies within 1 working day of the incident. The report will provide the date and location of the incident, number of individuals taken,

the circumstances resulting in the take, and any corrective measures taken to prevent additional take.

SPECIES-4 (Post-Construction Compliance Report): A post-construction compliance report will be submitted to the SSHCP Implementing Entity within 30 calendar days of completion of construction activities or within 30 calendar days of any break in construction activity that lasts more than 30 days. The report will detail the construction start and completion dates, any information about meeting or failing to meet species take Avoidance and Minimization Measures (AMM), effectiveness of each AMM that was applied at the project site, and any known project effects to Covered Species.

Rare Plants

PLANT-1 (Rare Plant Surveys): If a Covered Activity project site contains modeled habitat for Ahart's dwarf rush (*Juncus leiospermus* var. *ahartii)*, Bogg's Lake hedge-hyssop (*Gratiola heterosepala)*, dwarf downingia (*Downingia pusilla),* Legenere (*Legenere limosa*), pincushion navarretia (*Navarretia myersii),* or Sanford's arrowhead (*Sagittaria sanfordii*), the Covered Activity project site will be surveyed for the rare plant by an approved biologist and following the California Department of Fish and Wildlife (CDFW) rare plant survey protocols (CDFG 2009) or the most recent CDFW rare plant survey protocols. An approved biologist will conduct the field surveys and will identify and map plant species occurrences according to the protocols. See Chapter 10 for the process to submit survey information to the Plan Permittee and the Permitting Agencies.

PLANT-2 (Rare Plant Protection): If a rare plant listed in AMM PLANT-1 is detected within an area proposed to be disturbed by a Covered Activity or is detected within 250 feet of the area proposed to be disturbed by a Covered Activity, the Implementing Entity will assure one unprotected occurrence of the species is protected within a SSHCP Preserve before any ground disturbance occurs a the project site.

Sacramento and Slender Orcutt Grass

Sacramento Orcutt grass (*Orcuttia viscida*) is a federally and state endangered species and is ranked by the California Native Plant Society as a California Rare Plant Rank 1B.1 species. Slender Orcutt grass (*Orcuttia tenuis*) is a federally threatened and state endangered species and is ranked by the California Native Plant Society as a California Rare Plant Rank 1B.1 species. Both Orcutt grasses are very rare, and the likelihood of finding new occurrences within the Plan Area is low. Due to their rarity, take of either of these species is not permitted under the SSHCP, with the exception of take related to Preserve management and monitoring (see Section 5.2.7, SSHCP Preserve System Covered Activities).

ORCUTT-1 (Orcutt Grass Surveys): If a Covered Activity project site is located within 1 mile of the Mather Core Recovery Area and contains the Vernal Pool land cover type, the project site will be surveyed for Sacramento and slender Orcutt grass by an approved biologist following California Department of Fish and Wildlife (CDFW) rare plant survey protocols (CDFG 2009) or most recent CDFW guidelines to determine if Sacramento and/or slender Orcutt grass is present. An approved biologist will conduct the field investigation to identify and map occurrences. See Chapter 10 for the process to conduct and submit survey information.

ORCUTT-2 (Orcutt Grass Protection): Where known or new Sacramento or slender Orcutt grass occurrences are found, they will be protected within an SSHCP Preserve that is at least 50 acres. The occurrence will be located interior to the Preserve at a distance of no less than 300 feet from the edge of the Preserve boundary. If a Third-Party Project Proponent encounters a previously undiscovered occurrence of Sacramento or slender Orcutt grass on a Covered Activity project site, the Third-Party Project Proponent will contact the Implementing Entity or Land Use Authority Permittee with authority over the project, who will coordinate with the Wildlife Agencies for written concurrence of avoidance to ensure that the project does not cause take of the species.

California Tiger Salamander

To avoid direct and indirect effects of Covered Activities on California tiger salamander (*Ambystoma californiense*), the following AMMs will be implemented.

CTS-1 (California Tiger Salamander Daily Construction Schedule): Ground-disturbing Covered Activities within California tiger salamander modeled habitat (Figure 3-16) will occur outside the breeding and dispersal season (occur after July 31 and before October 15), to the maximum extent practicable. If Covered Activities must be implemented in modeled habitat (Figure 3-16) during the breeding and dispersal season (after October 15 and before July 31), construction activities will not start until 30 minutes after sunrise and must be complete 30 minutes prior to sunset.

CTS-2 (California Tiger Salamander Exclusion Fencing): If a Covered Activity must be implemented in modeled habitat (Figure 3-16) during the breeding and dispersal season (after October 15 and before July 31), exclusion fencing will be installed around the project footprint before October 15. Temporary high-visibility construction fencing will be installed along the edge of work areas, and exclusion fencing will be installed immediately outside of the temporary high-visibility construction fencing to exclude California tiger salamanders from entering the construction area or becoming entangled in the construction fencing. Exclusion fencing will be at least 1 foot tall and be buried

at least 6 inches below the ground to prevent salamanders from going under the fencing. Fencing will remain in place until all construction activities within the construction area are complete. No project activities will occur outside the delineated project footprint. An approved biologist must inspect the exclusion fencing and project site every morning before 7:00 a.m. for integrity and for any entrapped California tiger salamanders. If a California tiger salamander is encountered, refer to CTS-5, below. (However, the Implementing Entity may, with approval of the U.S. Fish and Wildlife Service (USFWS) and California Department of Fish and Wildlife (CDFW), determine that it is appropriate for a Covered Activity project to not implement CTS-2 for certain long and linear roadway Covered Activity projects if it appears that the exclusion fencing will likely trap individuals or cause more take of California tiger salamander than it would prevent.)

CTS-3 (California Tiger Salamander Monitoring): If Covered Activities must be implemented in modeled habitat (Figure 3-16), an approved biologist experienced with California tiger salamander identification and behavior will monitor the project site, including the integrity of any exclusion fencing. The approved biologist will be on site daily while construction-related activities are taking place, and will inspect the project site for California tiger salamander every morning before 7:00 a.m., or prior to construction activities. As required by BMP-8 (Training of Construction Staff), the approved biologist will also train construction personnel on the required California tiger salamander avoidance procedures, exclusion fencing, and correct protocols in the event that a California tiger salamander enters an active construction zone. If a California tiger salamander is encountered, refer to CTS-5, below.

CTS-4 (Avoid California Tiger Salamander Entrapment): If Covered Activities must be implemented in modeled habitat, all excavated steep-walled holes or trenches more than 6 inches deep will be covered with plywood (or similar material) or provided with one or more escape ramps constructed of earth fill or wooden planks at the end of each work day or 30 minutes prior to sunset, whichever occurs first. All steep-walled holes or trenches will be inspected by the approved biologist each morning to ensure that no wildlife has become entrapped. All construction pipes, culverts, similar structures, construction equipment, and construction debris left overnight within California tiger salamander modeled habitat will be inspected for California tiger salamanders by the approved biologist prior to being moved. If a California tiger salamander is encountered, refer to CTS-5, below.

CTS-5 (California Tiger Salamander Encounter Protocol): If a California tiger salamander is encountered during construction activities, the approved biologist will notify the Wildlife Agencies immediately (California Department of Fish and Wildlife (CDFW)

and U.S. Fish and Wildlife Service (USFWS)). Construction activities will be suspended in a 100-foot radius of the animal until the animal is relocated by an approved biologist with appropriate handling permits from the Wildlife Agencies. Prior to relocation, the approved biologist will notify the Wildlife Agencies to determine the appropriate procedures related to relocation. If the animal is handled, a report will be submitted, including date(s), location(s), habitat description, and any corrective measures taken to protect the salamander, within 1 business day to the Wildlife Agencies. The biologist will report any take of listed species to USFWS and CDFW immediately. Any worker who inadvertently injures or kills a California tiger salamander or who finds dead, injured, or entrapped California tiger salamander(s) must immediately report the incident to the approved biologist.

CTS-6 (Erosion Control Materials in California Tiger Salamander Habitat): If erosion control (BMP-2) is implemented within California tiger salamander modeled habitat (Figure 3-16), non-entangling erosion control material will be used to reduce the potential for entrapment. Tightly woven fiber netting (mesh size less than 0.25 inch) or similar material will be used to ensure that salamanders are not trapped (no monofilament). Coconut coir matting and fiber rolls with burlap are examples of acceptable erosion control materials. This limitation will be communicated to the contractor through use of special provisions included in the bid solicitation package.

CTS-7 (Rodent Control): CTS-7 only applies to projects that are within California tiger salamander modeled habitat (Figure 3-16) and on Covered Activities. Rodent control will be allowed only in developed portions of a Covered Activity project site. Where rodent control is allowed, the method of rodent control will comply with the methods of rodent control discussed in the 4(d) Rule published in the U.S. Fish and Wildlife Service's (2004) final listing rule for tiger salamander.

Western Spadefoot

To avoid direct and indirect effects of Covered Activities on western spadefoot (*Spea hammondii*), the following AMMs will be implemented.

WS-1 (Western Spadefoot Work Window): Ground-disturbing Covered Activities within western spadefoot modeled habitat (Figure 3-17) will occur outside the breeding and dispersal season (after May 15 and before October 15), to the maximum extent practicable.

WS-2 (Western Spadefoot Exclusion Fencing): If Covered Activities must be implemented in modeled habitat (Figure 3-17) after October 15 and before May 15, exclusion fencing

will be installed around the project footprint before October 15, and the project site must be monitored by an approved biologist following rain events. Temporary high-visibility construction fencing will be installed along the edge of work areas, and silt fencing will be installed immediately behind the temporary high-visibility construction fencing to exclude western spadefoot from entering the construction area. Fencing will remain in place until all construction activities within the construction area are completed. No project activities will occur outside the delineated project footprint. If a western spadefoot is encountered, refer to WS-6, below.

WS-3 (Western Spadefoot Monitoring): If Covered Activities must be implemented in modeled habitat (Figure 3-17) in the breeding and dispersal season (after October 15 and before May 15), an approved biologist experienced with western spadefoot identification and behavior will monitor the project site, including the integrity of any exclusion fencing. The approved biologist will be on site daily while construction-related activities are taking place, and will inspect the project site daily for western spadefoot prior to construction activities. The approved biologist will also train construction personnel on the required avoidance procedures, exclusion fencing, and protocols in the event that a western spadefoot enters an active construction zone (i.e., outside the buffer zone). If a western spadefoot is encountered, refer to WS-6, below.

WS-4 (Avoid Western Spadefoot Entrapment): If a Covered Activity occurs in western spadefoot modeled habitat (Figure 3-17), all excavated steep-walled holes and trenches more than 6 inches deep will be covered with plywood (or similar material) or provided with one or more escape ramps constructed of earth fill or wooden planks at the end of each work day or 30 minutes prior to sunset, whichever occurs first. All steep-walled holes and trenches will be inspected by the approved biologist each morning to ensure that no wildlife has become entrapped. All construction pipes, culverts, similar structures, construction equipment, and construction debris left overnight within western spadefoot modeled habitat will be inspected for western spadefoot by the approved biologist prior to being moved. If a western spadefoot is encountered, refer to WS-6, below.

WS-5 (Erosion Control Materials in Western Spadefoot Habitat): If erosion control (BMP-2) is implemented within western spadefoot modeled habitat (Figure 3-17), non-entangling erosion control material will be used to reduce the potential for entrapment. Tightly woven fiber netting (mesh size less than 0.25 inch) or similar material will be used to ensure that western spadefoots are not trapped (no monofilament). Coconut coir matting and fiber rolls containing burlap are examples of acceptable erosion control materials.

WS-6 (Western Spadefoot Encounter Protocol): If Covered Activities must be implemented in modeled habitat (Figure 3-17) during the breeding and dispersal season (after October 15 and before May 15), and a western spadefoot is encountered during construction activities, the approved biologist will notify the Wildlife Agencies immediately. Construction activities will be suspended in a 100-foot radius of the animal until the animal leaves the project site on its own volition. If necessary, the approved biologist will notify the Wildlife Agencies to determine the appropriate procedures related to relocation. If the animal is handled, a report will be submitted, including date(s), location(s), habitat description, and any corrective measures taken to protect the western spadefoot within 1 business day to the Wildlife Agencies. The biologist will report any take of listed species to the U.S. Fish and Wildlife Service and California Department of Fish and Wildlife immediately. Any worker who inadvertently injures or kills a western spadefoot or who finds dead, injured, or entrapped western spadefoot(s) must immediately report the incident to the approved biologist.

Giant Gartersnake

To avoid direct and indirect effects of Covered Activities on giant gartersnake (*Thamnophis gigas*), the following AMMs will be implemented.

GGS-1 (Giant Gartersnake Surveys): If the SSHCP giant gartersnake modeled habitat maps (Figure 3-18) show that modeled habitat for giant gartersnake is present within a Covered Activity's project footprint or within 300 feet of a project footprint, then an approved biologist will conduct a field investigation to delineate giant gartersnake aquatic habitat within the project footprint and adjacent areas within 300 feet of the project footprint. In addition to the SSHCP land cover types shown in Figure 3-18, giant gartersnake aquatic habitat includes, but is not limited to, low-gradient streams and creeks, open water, freshwater marsh, agricultural ditches, and rice fields. Adjacent parcels under different land ownership will be surveyed only if access is granted or if the parcels are visible from authorized areas. The Third-Party Project Proponent will map all existing or potential sites and provide these maps to the Local Land Use Permittees and the Implementing Entity. Locations of delineated giant gartersnake habitat must also be noted on plans that are submitted to a Local Land Use Permittee. The applicant will use this information to finalize project design. Covered Activities may occur throughout the year as long as giant gartersnake habitat is identified and fully avoided. Otherwise, Covered Activities must comply with GGS-2 through GGS-8, below. See Chapter 10 for the process to conduct and submit survey information.

GGS-2 (Giant Gartersnake Work Window): Covered Activities that do not fully avoid giant gartersnake modeled habitat (Figure 3-18) will be conducted during the snake's active

season. Construction and ground-disturbing activities will be initiated after May 1 and will end prior to September 15. If it appears that construction activities may go beyond September 15, the Third-Party Project Proponent or Plan Permittee will contact the Local Land Use Permittee and the Implementing Entity as soon as possible, but not later than September 1. The Local Land Use Permittee and the Implementing Entity will discuss with the Wildlife Agencies additional measures necessary to minimize take.

GGS-3 (Giant Gartersnake Monitoring): If a Covered Activity is occurring in giant gartersnake modeled habitat (Figure 3-18), an approved biologist experienced with giant gartersnake identification and behavior will monitor the project site, including the integrity of any exclusion fencing. The approved biologist will be on site daily while construction-related activities are taking place in aquatic habitat or within 300 feet of aquatic habitat, and will inspect the project site daily for giant gartersnake prior to construction activities. If a giant gartersnake is encountered, refer to GGS-7. The approved biologist will also train construction personnel on the required avoidance procedures, exclusion fencing, and protocols in the event that a giant gartersnake enters an active construction zone (i.e., outside the buffer zone).

GGS-4 (Giant Gartersnake Habitat Dewatering and Exclusion): If construction activities will occur in giant gartersnake aquatic habitat, aquatic habitat will be dewatered and then remain dry and absent of aquatic prey (e.g., fish and tadpoles) for 15 days prior to initiation of construction activities. If complete dewatering is not possible, the Implementing Entity will be contacted to determine what additional measures may be necessary to minimize effects to giant gartersnake. After aquatic habitat has been dewatered 15 days prior to construction activities, exclusion fencing will be installed extending a minimum of 300 feet into adjacent uplands to isolate both the aquatic and adjacent upland habitat. Exclusionary fencing will be erected 36 inches above ground and buried at least 6 inches below the ground to prevent snakes from attempting to move under the fence into the construction area. In addition, high-visibility fencing will be erected to identify the construction limits and to protect adjacent habitat from encroachment of personnel and equipment. Giant gartersnake habitat outside construction fencing will be avoided by all construction personnel. The fencing and the work area will be inspected by the approved biologist to ensure that the fencing is intact and that no snakes have entered the work area before the start of each work day. The fencing will be maintained by the contractor until completion of the project. If giant gartersnake is encountered, refer to GGS-7, below.

GGS-5 (Avoid Giant Gartersnake Entrapment): If a Covered Activity occurs in giant gartersnake modeled habitat (Figure 3-18), all excavated steep-walled holes and trenches more than 6 inches deep will be covered with plywood (or similar material) or

provided with one or more escape ramps constructed of earth fill or wooden planks at the end of each work day or 30 minutes prior to sunset, whichever occurs first. All steep-walled holes and trenches will be inspected by the approved biologist each morning to ensure that no wildlife has become entrapped. All construction pipes, culverts, similar structures, construction equipment, and construction debris left overnight within giant gartersnake modeled habitat will be inspected for giant gartersnake by the approved biologist prior to being moved. If a giant gartersnake is encountered, refer to GGS-7.

GGS-6 (Erosion Control Materials in Giant Gartersnake Habitat): If erosion control (BMP-2) is implemented within giant gartersnake modeled habitat (Figure 3-18), non-entangling erosion control material will be used to reduce the potential for entrapment. Tightly woven fiber netting (mesh size less than 0.25 inch) or similar material will be used to ensure snakes are not trapped (no monofilament). Coconut coir matting and fiber rolls containing burlap are examples of acceptable erosion control materials.

GGS-7 (Giant Gartersnake Encounter Protocol): If a giant gartersnake is encountered during construction activities, the approved biologist will notify the Wildlife Agencies immediately. Construction activities will be suspended in a 100-foot radius of the animal until the animal leaves the project site on its own volition. If necessary, the approved biologist will notify the Wildlife Agencies to determine the appropriate procedures related to relocation. If the animal is handled, a report will be submitted, including date(s), location(s), habitat description, and any corrective measures taken to protect the giant gartersnake within 1 business day to the Wildlife Agencies. The biologist will report any take of listed species to the U.S. Fish and Wildlife Service immediately. Any worker who inadvertently injures or kills a giant gartersnake or who finds one dead, injured, or entrapped must immediately report the incident to the approved biologist.

GGS-8 (Giant Gartersnake Post-Construction Restoration): After completion of ground-disturbing Covered Activities, the applicant will remove any temporary fill and construction debris and will restore temporarily disturbed areas to pre-project conditions. Restoration work includes such activities as re-vegetating the banks and active channels with a seed mix similar to pre-project conditions. Appropriate methods and plant species used to re-vegetate such areas will be determined on a site-specific basis in consultation with the Implementing Entity. Restoration work may include replanting emergent aquatic vegetation. Refer to the U.S. Fish and Wildlife Service's (USFWS) Guidelines for the Restoration and/or Replacement of Giant Gartersnake Habitat (USFWS 1997), or the most current USFWS guidelines at the time of the

activity. A photo documentation report showing pre- and post-project conditions will be submitted to the Implementing Entity 1 month after implementation of the restoration.

Western Pond Turtle

To avoid direct and indirect effects of Covered Activities on western pond turtle (*Actinemys marmorata*), the following AMMs will be implemented.

WPT-1 (Western Pond Turtle Surveys): If the SSHCP western pond turtle modeled habitat maps (Figure 3-19) show that modeled habitat for western pond turtle is present within a Covered Activity's project footprint or within 300 feet of a project footprint, then an approved biologist will conduct a field investigation to delineate western pond turtle aquatic habitat within the project footprint and within 300 feet of the project footprint. In addition to the SSHCP land cover types shown in Figure 3-19, western pond turtle aquatic habitat includes, but is not limited to, low-gradient streams and creeks, open water, freshwater marsh, and rice fields. Adjacent parcels under different land ownership will be surveyed only if access is granted or if the parcels are visible from authorized areas. The Third-Party Project Proponent will map all existing or potential sites and provide those maps to the Local Land Use Permittees and the Implementing Entity. Locations of delineated western pond turtle habitat must also be noted on plans that are submitted to a Local Land Use Permittee. The applicant will use this information to finalize project design. Covered Activities may occur throughout the year as long as western pond turtle habitat is identified and fully avoided. Otherwise, Covered Activities must comply with WPT-2 through WPT-9. See Chapter 10 for the process to conduct and submit survey information.

WPT-2 (Western Pond Turtle Work Window): Maintenance and improvements to existing structures may occur throughout the year as long as western pond turtle habitat is identified and avoided, and movement of equipment is confined to existing roads. Otherwise, construction and ground-disturbing Covered Activities must be conducted outside of western pond turtle's active season. Construction and ground-disturbing activities will be initiated after May 1 and will commence prior to September 15. If it appears that construction activities may go beyond September 15, the appropriate Plan Permittee will contact the Local Land Use Permittee and the Implementing Entity as soon as possible, but not later than September 1, to determine if additional measures are necessary to minimize take.

WPT-3 (Western Pond Turtle Monitoring): If a Covered Activity is occurring in western pond turtle modeled habitat (Figure 3-19), an approved biologist experienced with western pond turtle identification and behavior will monitor the project site, including the

integrity of any exclusion fencing. The approved biologist will be on site daily while construction-related activities are taking place in aquatic habitat or within 300 feet of aquatic habitat, and will inspect the project site daily for western pond turtle prior to construction activities. The approved biologist will also training construction personnel on the required avoidance procedures, exclusion fencing, and protocols in the event that a western pond turtle enters an active construction zone (i.e., outside the buffer zone).

WPT-4 (Western Pond Turtle Habitat Dewatering and Exclusion): If construction activities will occur in western pond turtle aquatic habitat, aquatic habitat for the turtle will be dewatered and then remain dry and absent of aquatic prey (e.g., crustaceans and other aquatic invertebrates) for 15 days prior to the initiation of construction activities. If complete dewatering is not possible, the Implementing Entity will be contacted to determine what additional measures may be necessary to minimize effects to western pond turtle. After aquatic habitat has been dewatered 15 days prior to construction activities, exclusion fencing will be installed extending a minimum of 300 feet into adjacent uplands to isolate both the aquatic and adjacent upland habitat. Exclusionary fencing will be erected 36 inches above ground and buried at least 6 inches below the ground to prevent turtles from attempting to burrow or move under the fence into the construction area. In addition, high-visibility fencing will be erected to identify construction limits and to protect adjacent habitat from encroachment of personnel and equipment. Western pond turtle habitat outside construction fencing will be avoided by all construction personnel. The fencing and work area will be inspected by the approved biologist to ensure that the fencing is intact and that no turtles have entered the work area before the start of each work day. Fencing will be maintained by the contractor until completion of the project. If, after exclusion fencing and dewatering, western pond turtles are found within the project footprint or within 300 feet of the project footprint, the Third-Party Project Proponent will discuss the next best steps with the Implementing Entity and Wildlife Agencies.

WPT-5 (Avoid Western Pond Turtle Entrapment): If a Covered Activity occurs within western pond turtle modeled habitat (Figure 3-19), all excavated steep-walled holes and trenches more than 6 inches deep will be covered with plywood (or similar material) or provided with one or more escape ramps constructed of earth fill or wooden planks at the end of each work day or 30 minutes prior to sunset, whichever occurs first. All steep-walled holes and trenches will be inspected by the approved biologist each morning to ensure that no wildlife has become entrapped. All construction pipes, culverts, similar structures, construction equipment, and construction debris left overnight within western pond turtle modeled habitat will be inspected for western pond turtle by the approved biologist prior to being moved.

WPT-6 (Erosion Control Materials in Western Pond Turtle Habitat): If erosion control (BMP-2) is implemented within western pond turtle modeled habitat (Figure 3-19), non-entangling erosion control material will be used to reduce the potential for entrapment. Tightly woven fiber netting (mesh size less than 0.25 inch) or similar material will be used to ensure that turtles are not trapped (no monofilament). Coconut coir matting and fiber rolls containing burlap are examples of acceptable erosion control materials.

WPT-7 (Western Pond Turtle Modeled Habitat Speed Limit): Covered Activity construction and maintenance vehicles will observe a 20-mile-per-hour speed limit within western pond turtle modeled upland habitat (Figure 3-19).

WPT-8 (Western Pond Turtle Encounter Protocol): If a western pond turtle is encountered during construction activities, the approved biologist will notify the Wildlife Agencies immediately. Construction activities will be suspended in a 100-foot radius of the animal until the animal leaves the project site on its own volition. If necessary, the approved biologist will notify the Wildlife Agencies to determine the appropriate procedures related to relocation. If the animal is handled, a report will be submitted, including date(s), location(s), habitat description, and any corrective measures taken to protect the turtle, within 1 business day to the Wildlife Agencies. The biologist will report any take of listed species to the U.S. Fish and Wildlife Service immediately. Any worker who inadvertently injures or kills a western pond turtle or who finds one dead, injured, or entrapped must immediately report the incident to the approved biologist.

WPT-9 (Western Pond Turtle Post-Construction Restoration): After completion of ground-disturbing Covered Activities, the applicant will remove any temporary fill and construction debris and will restore temporarily disturbed areas to pre-project conditions. Restoration work includes such activities as re-vegetating the banks and active channels with a seed mix similar to pre-project conditions. Appropriate methods and plant species used to re-vegetate such areas will be determined on a site-specific basis in consultation with the Implementing Entity. Restoration work may include replanting emergent aquatic vegetation and placing appropriate artificial or natural basking areas in waterways and wetlands. A photo documentation report showing pre- and post-project conditions will be submitted to the Implementing Entity 1 month after implementation of the restoration.

Tricolored Blackbird

To avoid direct and indirect effects of Covered Activities on tricolored blackbird (*Agelaius tricolor*), the following AMMs will be implemented.

TCB-1 (Tricolored Blackbird Surveys): If modeled habitat for tricolored blackbird is present within a Covered Activity's project footprint or within 500 feet of a project footprint, then an approved biologist will conduct a field investigation to determine if existing or potential nesting or foraging sites are present within the project footprint and adjacent areas within 500 feet of the project footprint. Adjacent parcels under different land ownership will be surveyed only if access is granted or if the parcels are visible from authorized areas. Within the Plan Area, potential tricolor blackbird nest sites are often associated with freshwater marsh and seasonal wetlands, or in thickets of willow, blackberry, wild rose, thistle, and other thorny vegetation. Tricolored blackbirds are also known to nest in crops associated with dairy farms. Foraging habitat is associated with annual grasslands, wet and dry vernal pools and other seasonal wetlands, agricultural fields (such as large tracts of alfalfa and pastures with continuous haying schedules and recently tilled fields), cattle feedlots, and dairies. The Third-Party Project Proponent will map all existing or potential nesting or foraging sites and provide these maps to the Local Land Use Permittees and Implementing Entity. Nesting sites must also be noted on plans that are submitted to a Local Land Use Permittee. See Chapter 10 for the process to conduct and submit survey information.

TCB-2 (Tricolored Blackbird Pre-Construction Surveys): Pre-construction surveys will be required to determine if active nests are present within a project footprint or within 500 feet of a project footprint if existing or potential nest sites were found during design surveys and construction activities will occur during the breeding season (March 1 through September 15). An approved biologist will conduct pre-construction surveys within 30 days and within 3 days of ground-disturbing activities, and within the proposed project footprint and 500 feet of the proposed project footprint to determine the presence of nesting tricolored blackbird. Pre-construction surveys will be conducted during the breeding season (March 1 through August 31). Surveys conducted in February (to meet pre-construction survey requirements for work starting in March) must be conducted within 14 days and 3 days in advance of ground-disturbing activities. If a nest is present, then TCB-3 and TCB-4 will be implemented. The approved biologist will inform the Land Use Authority Permittee and the Implementing Entity of species locations, and they in turn will notify the Wildlife Agencies.

TCB-3 (Tricolored Blackbird Nest Buffer): If active nests are found within the project footprint or within 500 feet of any project-related Covered Activity, the Third-Party Project Proponent will establish a 500-foot temporary buffer around the active nest until the young have fledged.

TCB-4 (Tricolored Blackbird Nest Buffer Monitoring): If nesting tricolored blackbirds are present within the project footprint or within 500 feet of any project-related Covered

Activity, then an approved biologist experienced with tricolored blackbird behavior will be retained by the Third-Party Project Proponent to monitor the nest throughout the nesting season and to determine when the young have fledged. The approved biologist will be on site daily while construction-related activities are taking place near the disturbance buffer. Work within the nest disturbance buffer will not be permitted. If the approved biologist determines that tricolored blackbirds are exhibiting agitated behavior, construction will cease until the buffer size is increased to a distance necessary to result in no harm or harassment to the nesting tricolored blackbirds. If the biologist determines that the colonies are at risk, a meeting with the Third-Party Project Proponent, Implementing Entity, and Wildlife Agencies will be held to determine the best course of action to avoid nest abandonment or take of individuals. The approved biologist will also train construction personnel on the required avoidance procedures, buffer zones, and protocols in the event that a tricolored blackbird flies into an active construction zone (i.e., outside the buffer zone).

TCB-5 (Timing of Pesticide Use and Harvest Timing on Agricultural Preserves): On SSHCP Agricultural Preserves, pesticides (including herbicides) will not be applied from January 1 through July 15.

Swainson's Hawk

To avoid direct and indirect effects of Covered Activities on Swainson's hawk (*Buteo swainsoni*), the following AMMs will be implemented.

SWHA-1 (Swainson's Hawk Surveys): If modeled habitat for Swainson's hawk (Figure 3-25) is present within a Covered Activity's project footprint or within 0.25 mile of a project footprint, then an approved biologist will conduct a survey to determine if existing or potential nesting sites are present within the project footprint and adjacent areas within 0.25 mile of the project footprint. Adjacent parcels under different land ownership will be surveyed only if access is granted or if the parcels are visible from authorized areas. Nest sites are often associated with Riparian land cover, but also include lone trees in fields, trees along roadways, and trees around structures. Nest trees may include, but are not limited to, Fremont's cottonwood (*Populus fremontii*), oaks (*Quercus* spp.), willows (*Salix* spp.), walnuts (*Juglans* spp.), eucalyptus (*Eucalyptus* spp.), pines (*Pinus* spp.), and Deodar cedar (*Cedrus deodara*). The Third-Party Project Proponent will map all existing and potential nesting sites and provide these maps to the Local Land Use Permittees and Implementing Entity. Nesting sites must also be noted on plans that are submitted to a Local Land Use Permittee. See Chapter 10 for the process to conduct and submit survey information.

SWHA-2 (Swainson's Hawk Pre-Construction Surveys): Pre-construction surveys will be required to determine if active nests are present within a project footprint or within 0.25 mile of a project footprint if existing or potential nest sites were found during initial surveys and construction activities will occur during the breeding season (March 1 through September 15). An approved biologist will conduct pre-construction surveys within 30 days and 3 days of ground-disturbing activities to determine presence of nesting Swainson's hawk. Pre-construction surveys will be conducted during the breeding season (March 1 through September 15). If a nest is present, then SWHA-3 and SWHA-4 will be implemented. The approved biologist will inform the Land Use Authority Permittee and Implementing Entity of species locations, and they in turn will notify the Wildlife Agencies.

SWHA-3 (Swainson's Hawk Nest Buffer): If active nests are found within the project footprint or within 0.25 mile of any project-related Covered Activity, the Third-Party Project Proponent will establish a 0.25 mile disturbance buffer around the active nest until the young have fledged, with concurrence from the Wildlife Agencies.

SWHA-4 (Swainson's Hawk Nest Buffer Monitoring): If nesting Swainson's hawks are present within the project footprint or within 0.25 mile of any project-related Covered Activity, then an approved biologist experienced with Swainson's hawk behavior will be retained by the Third-Party Project Proponent to monitor the nest throughout the nesting season and to determine when the young have fledged. The approved biologist will be on site daily while construction-related activities are taking place within the buffer. Work within the temporary nest disturbance buffer can occur with the written permission of the Implementing Entity and Wildlife Agencies. If nesting Swainson's hawks begin to exhibit agitated behavior, such as defensive flights at intruders, getting up from a brooding position, or flying off the nest, the approved biologist will have the authority to shut down construction activities. If agitated behavior is exhibited, the biologist, Third-Party Project Proponent, Implementing Entity, and Wildlife Agencies will meet to determine the best course of action to avoid nest abandonment or take of individuals. The approved biologist will also train construction personnel on the required avoidance procedures, buffer zones, and protocols in the event that a Swainson's hawk flies into an active construction zone (i.e., outside the buffer zone).

Greater Sandhill Crane

To avoid direct and indirect effects of Covered Activities on greater sandhill crane (*Grus canadensis*), the following AMMs will be implemented.

GSC-1 (Greater Sandhill Crane Surveys): If modeled habitat for greater sandhill crane (Figure 3-22) is present within a Covered Activity's project footprint or within 0.5 mile of a project footprint, then an approved biologist will conduct a field investigation to determine if existing or potential roosting sites are present within the project footprint and adjacent areas within 0.5 mile of the project footprint. Adjacent parcels under different land ownership will be surveyed only if access is granted or if the parcels are visible from authorized areas. Roosting sites within the Plan Area are often associated with flooded fields, seasonal wetlands, and freshwater marsh. The Third-Party Project Proponent will map all existing or potential roosting sites and provide these maps to the Local Land Use Permittees and Implementing Entity. Roosting sites must also be noted on plans that are submitted to a Local Land Use Permittee. See Chapter 10 for the process to conduct and submit survey information.

GSC-2 (Greater Sandhill Crane Pre-Construction Surveys): Pre-construction surveys will be required to determine if active roosting sites are present within a project footprint or within 0.5 mile of a project footprint if existing or potential roosting sites were found during initial surveys and construction activities will occur when wintering flocks are present within the Plan Area (September 1 through March 15). An approved biologist will conduct pre-construction surveys within 15 days of ground-disturbing activities, and within 0.5 mile of a project footprint, to determine presence of roosting greater sandhill cranes. Pre-construction surveys will be conducted September 1 through March 15, when wintering flocks are present within the Plan Area. If birds are present, then GSC-3, GSC-4, and GSC-5 will be implemented. The approved biologist will inform the Land Use Authority Permittee and Implementing Entity of species locations, and they in turn will notify the Wildlife Agencies.

GSC-3 (Greater Sandhill Crane Roosting Buffer): If active roosting sites are found within the project footprint or within 0.5 mile of any project-related Covered Activity, the Third-Party Project Proponent will establish a 0.5 mile temporary roosting disturbance buffer around the roosting site until the cranes have left.

GSC-4 (Greater Sandhill Crane Visual Barrier): Greater sandhill cranes have low tolerance for human disturbance, and such disturbance has caused cranes to abandon foraging and roosting sites. Repeat disturbance affects their ability to feed and store energy needed for survival. If project-related activities occur within 0.5 mile of a known roosting site as identified by surveys conducted during implementation of GSC-1 or GSC-2, a visual barrier will be constructed.

GSC-5 (Greater Sandhill Crane Roosting Buffer Monitoring): If roosting sites are found within the project footprint or within 0.50 mile of any project-related Covered Activity, an

approved biologist experienced with greater sandhill crane behavior will be retained by the Third-Party Project Proponent to monitor the roosting site throughout the roosting season and to determine when the birds have left. The approved biologist will be on site daily while construction-related activities are taking place within the disturbance buffer. Work within the temporary disturbance buffer can only occur with the written permission of the Implementing Entity and Wildlife Agencies. If greater sandhill cranes are abandoning their roosting and/or forage sites, the approved biologist will have the authority to shut down construction activities. If roost abandonment occurs, the approved biologist, Third-Party Project Proponent, Implementing Entity, and Wildlife Agencies will meet to determine the best course of action to avoid harm and harassment of individuals. The approved biologist will also train construction personnel on the avoidance procedures, buffer zones, and protocols in the event that greater sandhill cranes move into an active construction zone (i.e., outside the buffer zone).

Western Burrowing Owl

To avoid direct and indirect effects of Covered Activities on western burrowing owl (*Athene cunicularia*), the following AMMs will be implemented.

WBO-1 (Western Burrowing Owl Surveys): Surveys within modeled habitat are required for both the breeding and non-breeding season. If the project site falls within modeled habitat, an approved biologist will survey the project site and map all burrows, noting any burrows that may be occupied. Occupied burrows are often (but not always) indicated by tracks, feathers, egg shell fragments, pellets, prey remains, and/or excrement. Surveying and mapping will be conducted by the approved biologist while walking transects throughout the entire project site plus all accessible areas within a 250-foot radius from the project site. The centerline of these transects will be no more than 50 feet apart and will vary in width to account for changes in terrain and vegetation that can preclude complete visual coverage of the area. For example, in hilly terrain with patches of tall grass, transects will be closer together, and in open areas with little vegetation, they can be 50 feet apart. This methodology is consistent with current survey protocols for this species (California Burrowing Owl Consortium 1993). Adjacent parcels under different land ownership will be surveyed only if access is granted or if the parcels are visible from authorized areas. If suitable habitat is identified during the initial survey, and if the project does not fully avoid the habitat, pre-construction surveys will be required. Burrowing owl habitat is fully avoided if project-related activities do not impinge on a 250-foot buffer established by the approved biologist around suitable burrows. See Chapter 10 for the process to conduct and submit survey information.

WBO-2 (Western Burrowing Owl Pre-Construction Surveys): Prior to any Covered Activity ground disturbance, an approved biologist will conduct pre-construction surveys in all areas that were identified as suitable habitat during the initial surveys. The purpose of the pre-construction surveys is to document the presence or absence of burrowing owls on the project site, particularly in areas within 250 feet of construction activities. To maximize the likelihood of detecting owls, the pre-construction survey will last a minimum of 3 hours. The survey will begin 1 hour before sunrise and continue until 2 hours after sunrise (3 hours total), or begin 2 hours before sunset and continue until 1 hour after sunset. Additional time may be required for large project sites. A minimum of two pre-construction surveys will be conducted (if owls are detected on the first survey, a second survey is not needed). All owls observed will be counted and their location will be mapped. Surveys will conclude no more than 2 calendar days prior to construction. Therefore, the Third-Party Project Proponent must begin surveys no more than 4 days prior to construction (2 days of surveying plus up to 2 days between surveys and construction). To avoid last-minute changes in schedule or contracting that may occur if burrowing owls are found, the Third-Party Project Proponent may also conduct a preliminary survey up to 15 days before construction. This preliminary survey may count as the first of the two required surveys as long as the second survey concludes no more than 2 calendar days in advance of construction.

WBO-3 (Burrowing Owl Avoidance): If western burrowing owl or evidence of western burrowing owl is observed on the project site or within 250 feet of the project site during pre-construction surveys, then the following will occur:

During Breeding Season: If the approved biologist finds evidence of western burrowing owls within a project site during the breeding season (February 1 through August 31), all project-related activities will avoid nest sites during the remainder of the breeding season or while the nest remains occupied by adults or young (nest occupation includes individuals or family groups foraging on or near the site following fledging). Avoidance is establishment of a minimum 250-foot buffer zone around nests. Construction and other project-related activities may occur outside of the 250-foot buffer zone. Construction and other project-related activities may be allowed inside of the 250-foot non-disturbance buffer during the breeding season if the nest is not disturbed, and the Third-Party Project Proponent develops an avoidance, minimization, and monitoring plan that is approved by the Implementing Entity and Wildlife Agencies prior to project construction based on the following criteria:

- The Implementing Entity and Wildlife Agencies approve of the avoidance and minimization plan provided by the project applicant.

- An approved biologist monitors the owls for at least 3 days prior to construction to determine baseline nesting and foraging behavior (i.e., behavior without construction).
- The same approved biologist monitors the owls during construction and finds no change in owl nesting and foraging behavior in response to construction activities.

If there is any change in owl nesting and foraging behavior as a result of construction activities, the approved biologist will have authority to shut down activities within the 250-foot buffer. Construction cannot resume within the 250-foot buffer until any owls present are no longer affected by nearby construction activities, and with written concurrence from the Wildlife Agencies.

If monitoring by the approved biologist indicates that the nest is abandoned prior to the end of nesting season and the burrow is no longer in use, the non-disturbance buffer zone may be removed if approved by the Wildlife Agencies. The approved biologist will excavate the burrow in accordance with the latest California Department of Fish and Wildlife guidelines for burrowing owl to prevent reoccupation after receiving approval from the Wildlife Agencies.

The Implementing Entity and Wildlife Agencies will respond to a request from the Third-Party Project Proponent to review the proposed construction monitoring plan within 21 days.

During Non-Breeding Season: During the non-breeding season (September 1 through January 31), the approved biologist will establish a minimum 250-foot non-disturbance buffer around occupied burrows. Construction activities outside of this 250-foot buffer will be allowed. Construction activities within the non-disturbance buffer will be allowed if the following criteria are met to prevent owls from abandoning over-wintering sites:

- An approved biologist monitors the owls for at least 3 days prior to construction to determine baseline foraging behavior (i.e., behavior without construction).
- The same approved biologist monitors the owls during construction and finds no change in owl foraging behavior in response to construction activities.
- If there is any change in owl foraging behavior as a result of construction activities, the approved biologist will have authority to shut down activities within the 250-foot buffer.
- If the owls are gone for at least 1 week, the Third-Party Project Proponent may request approval from the Implementing Entity and Wildlife Agencies that an approved biologist excavate usable burrows and install one-way exclusionary

devices to prevent owls from re-occupying the site. After all usable burrows are excavated, the buffer zone will be removed and construction may continue.

Monitoring must continue as described above for the non-breeding season as long as the burrow remains active.

WBO-4 (Burrowing Owl Construction Monitoring): During construction of Covered Activities, 250-foot construction buffer zones will be established and maintained around any occupied burrow. An approved biologist will monitor the site to ensure that buffers are enforced and owls are not disturbed. The approved biologist will also train construction personnel on avoidance procedures, buffer zones, and protocols in the event that a burrowing owl flies into an active construction zone.

WBO-5 (Burrowing Owl Passive Relocation): Passive relocation is not allowed without the express written approval of the Wildlife Agencies. Passive owl relocation may be allowed on a case-by-case basis on project sites during the non-breeding season (September 1 through January 31) with the written approval of the Wildlife Agencies if the other measures described in this condition preclude work from continuing. Passive relocation must be done in accordance with the latest California Department of Fish and Wildlife guidelines for burrowing owl. Passive relocation will only be proposed if the burrow needing to be removed or with the potential to collapse from construction activities is the result of a Covered Activity. If passive relocation is approved by the Wildlife Agencies, an approved biologist can passively exclude birds from their burrows during the non-breeding season by installing one-way doors in burrow entrances. These doors will be in place for 48 hours to ensure that owls have left the burrow, and then the biologist will excavate the burrow to prevent reoccupation. Burrows will be excavated using hand tools only. During excavation, an escape route will be maintained at all times. This may include inserting an artificial structure into the burrow to avoid having materials collapse into the burrow and trap owls inside. Other methods of passive relocation, based on best available science, may be approved by the Wildlife Agencies over the 50-year Permit Term.

WBO-6 (Burrowing Owl Timing of Maintenance Activities): All activities adjacent to existing or planned Preserves, Preserve Setbacks, or Stream Setback areas will be seasonally timed, when safety permits, to avoid or minimize adverse effects on occupied burrows.

WBO-7 (Rodent Control): Rodent control will be allowed only in developed portions of a Covered Activity project site within western burrowing owl modeled habitat. Where rodent control is allowed, the method of rodent control will comply with the methods of

rodent control discussed in the 4(d) Rule published in the U.S. Fish and Wildlife Service's (2004) final listing rule for tiger salamander.

Covered Raptor Species

To avoid direct and indirect effects of Covered Activities on covered raptor species, the following AMMs will be implemented. This measure applies to Cooper's hawk (*Accipiter cooperii*), loggerhead shrike (*Lanius ludovicianus*), northern harrier (*Circus cyaneus*), and white-tailed kite (*Elanus leucurus*). The following AMMs do not apply to ferruginous hawk (*Buteo regalis*), as they do not nest in the Plan Area. The following AMMs also do not apply to Swainson's hawk or burrowing owl, as specific AMMs have been developed for these covered raptor species.

RAPTOR-1 (Raptor Surveys): If modeled habitat for a covered raptor species (Figures 3-20, 3-23, 3-24, or 3-28) is present within a Covered Activity's project footprint or within 0.25 mile of a project footprint, then an approved biologist will conduct a field investigation to determine if existing or potential nesting sites are present within the project footprint and adjacent areas within 0.25 mile of the project footprint. Adjacent parcels under different land ownership will be surveyed only if access is granted or if the parcels are visible from authorized areas. The Third-Party Project Proponent will map all existing or potential nesting sites and provide these maps to the Local Land Use Permittees and Implementing Entity. Nesting sites must also be noted on plans that are submitted to a Local Land Use Permittee. See Chapter 10 for the process to conduct and submit survey information.

RAPTOR-2 (Raptor Pre-Construction Surveys): Pre-construction surveys will be required to determine if active nests are present with a project footprint or within 0.25 mile of a project footprint if existing or potential nest sites are found during initial surveys and construction activities will occur during the raptor breeding season. An approved biologist will conduct pre-construction surveys within 30 days and 3 days of ground-disturbing activities within the proposed project footprint and within 0.25 mile of the proposed project footprint to determine presence of nesting covered raptor species. Pre-construction surveys will be conducted during the raptor breeding season. If a nest is present, then RAPTOR-3 and RAPTOR-4 will be implemented. The approved biologist will inform the Land Use Authority Permittee and Implementing Entity of species locations, and they in turn will notify the Wildlife Agencies.

RAPTOR-3 (Raptor Nest/Roost Buffer): If active nests are found within the project footprint or within 0.25 mile of any project-related Covered Activity, the Third-Party Project

Proponent will establish a 0.25 mile temporary nest disturbance buffer around the active nest until the young have fledged.

RAPTOR-4 (Raptor Nest/Roost Buffer Monitoring): If project-related Covered Activities within the temporary nest disturbance buffer are determined to be necessary during the nesting season, then an approved biologist experienced with raptor behavior will be retained by the Third-Party Project Proponent to monitor the nest throughout the nesting season and to determine when the young have fledged. The approved biologist will be on site daily while construction-related activities are taking place within the disturbance buffer. Work within the temporary nest disturbance buffer can occur with the written permission of the Implementing Entity and Wildlife Agencies. If nesting raptors begin to exhibit agitated behavior, such as defensive flights at intruders, getting up from a brooding position, or flying off the nest, the approved biologist/monitor will have the authority to shut down construction activities. If agitated behavior is exhibited, the biologist, Third-Party Project Proponent, Implementing Entity, and Wildlife Agencies will meet to determine the best course of action to avoid nest abandonment or take of individuals. The approved biologist will also train construction personnel on the required avoidance procedures, buffer zones, and protocols in the event that a covered raptor species flies into an active construction zone (i.e., outside the buffer zone).

Western Red Bat

To avoid direct and indirect effects of Covered Activities on western red bat (*Lasiurus blossevillii*), the following AMMs will be implemented.

BAT-1 (Winter Hibernaculum Surveys): If modeled habitat (Figure 3-30) for western red bat is present within 300 feet of a Covered Activity's project footprint, then an approved biologist will conduct a field investigation of the project footprint and adjacent areas within 300 feet of a project footprint to determine if a potential winter hibernaculum is present, and to identify and map potential hibernaculum sites. Adjacent parcels under different land ownership will be surveyed only if access is granted or if the parcels are visible from authorized areas. If potential hibernaculum sites are found, the Third-Party Project Proponent will note their locations on project designs and will design the project to avoid all areas within a 300-foot buffer around the potential hibernaculum sites. Winter hibernaculum habitat is fully avoided if project-related activities do not impinge on a 300-foot buffer established by the approved biologist around an existing or potential winter hibernaculum site. See Chapter 10 for the process to conduct and submit survey information.

BAT-2 (Winter Hibernaculum Pre-Construction Surveys): If the Third-Party Project Proponent elects not to avoid potential winter hibernaculum sites within the project footprint plus a 300-foot buffer, additional surveys are required. Prior to any ground disturbance related to Covered Activities, an approved biologist will conduct a pre-construction survey within 3 days of ground-disturbing activities within the project footprint and 300 feet of the project footprint to determine the presence of winter hibernaculum sites. Pre-construction surveys will be conducted during the winter hibernaculum season (November 1 through March 31). If a winter hibernaculum is present, then BAT-3 and BAT-4 will be implemented. The approved biologist will inform the Land Use Authority Permittee and Implementing Entity of species locations, and they in turn will notify the Wildlife Agencies.

BAT-3 (Winter Hibernaculum Buffer): If active winter hibernaculum sites are found within the project footprint or within 300 feet of the project footprint, the Third-Party Project Proponent will establish a 300-foot temporary disturbance buffer around the active winter hibernaculum site until bats have vacated the hibernaculum and the Implementing Entity and Wildlife Agencies concur.

BAT-4 (Bat Eviction Methods): An approved biologist will determine if non-maternity and non-hibernaculum day and night roosts are present on the project site. If necessary, an approved biologist will use safe eviction methods to remove bats if direct impacts to non-maternity and non-hibernaculum day and night roosts cannot be avoided. If a winter hibernaculum site is present, Covered Activities will not occur until the hibernaculum is vacated, or, if necessary, safely evicted using methods acceptable to the Wildlife Agencies.

5.5 How Conditions on Covered Activities are Applied to Various Urban Development Permit Types Approved by the Land Use Authority Permittees

Covered Activities can be approved by Land Use Authority Permittees at different scales. For example, master plans (including specific plans, comprehensive plans, and special planning areas) generally include large areas of land, and other permit types (conditional use permits, grading permits, and building permits) can apply over a range of project footprints. The process that Land Use Authority Permittees will use to approve Covered Activities in these planning documents is described in Chapter 10. See Table 5-2 for a list of projects and activities that are considered Covered Activities.

Appendix C

Preliminary Geotechnical Investigation

Project No. S3037-05-02
April 24, 2025

VIA ELECTRONIC MAIL

Mr. Aaron Ross Swain
FDC Nor-Cal Corp
555 University Avenue, Suite 116
Sacramento, California 95825

Subject: PRELIMINARY GEOTECHNICAL EVALUATION
SHEFFIELD SUBDIVISION
EAST STOCKTON BOULEVARD
GALT, CALIFORNIA

Mr. Ross Swain:

In accordance with the agreement between FDC Nor-Cal Corp (the Client) and Geocon Consultants, Inc. (Geocon) executed on March 24, 2025, this letter summarizes our preliminary geotechnical evaluation for the proposed Sheffield Subdivision to be constructed on the east side of East Stockton Boulevard in Galt, California. The approximate site location is shown on the Vicinity Map, Figure 1.

Our office is also preparing a *Phase 1 Environmental Site Assessment* (Geocon Project No. S3037-05-01) for the project. That report will be provided under separate cover.

The information provided in this letter is based on a limited field reconnaissance, review of available information, and our geotechnical experience in the project area. This report is intended for project planning and due-diligence purposes only. Additional geotechnical investigation and analysis will be required for project design and construction of the proposed residential subdivision.

SITE AND PROJECT DESCRIPTION

The approximately 9.5-acre site, identified as Sacramento County Assessor's Parcel Numbers 150-0120-007 and -026, is currently occupied by one rural residence with associated outbuildings. The existing rural residence and outbuildings are wood-framed and appear to be supported on shallow foundations. Although typically rural residences in this area have on-site septic systems, one was not observed during our site reconnaissance. The remainder of the site is undeveloped land with a few sporadic mature trees and bordered by East Stockton Boulevard to the west; a residential subdivision to the south; a creek, which is a southern branch of Deadman Gulch, to the east, and a residential subdivision and the creek to the north. The approximate site limits and current configuration are shown on the Site Plan, Figure 2.

Site-specific topographic mapping was not available for our review. The USGS *Galt Quadrangle* topographic map (USGS, 2021) shows the topography of the site as relatively flat and level with a surface elevation of approximately 50 feet above mean sea level (MSL).

Although the site is mostly undeveloped, remnants of previous uses may be present onsite in the form of foundations, underground storage tanks, underground utility installations, undocumented fill material, or other subsurface improvements.

We performed a site reconnaissance and near-surface soil sampling with hand tools on March 31, 2025. At the time of our visit, there was a rural residence and associated outbuildings in the western portion of the site, the remainder of the site was undeveloped and vegetated with a moderate growth of seasonal grass and weeds with a few trees and bushes at the outer margins of the site. An unpaved driveway connects the residence to East Stockton Boulevard on the western end of the site. Pole mounted overhead power lines are also present from the western end of the site to the residence following the driveway.

The site is expected to be subdivided into 65 single-family residential building lots. Residential construction is anticipated to be one- and two-story, wood-framed, dwellings supported on shallow foundation systems unless geotechnical and/or structural conditions require otherwise. Below grade basements are not planned. Other planned improvements will likely include underground utility infrastructure, perimeter sound walls, landscaping, exterior concrete flatwork, and hot mix asphalt paved interior residential streets. Given the relatively flat site topography, we anticipate that site grading will include cuts and fills on the order of 3 to 5 feet or less. Installation of new underground utility infrastructure may require deeper excavations. The proposed project layout is shown on the Proposed Development Plan, Figure 3.

ANTICIPATED SUBSURFACE CONDITIONS

The following geologic and soil conditions are based on our geotechnical experience in the area and review of geotechnical investigation reports for projects within one mile of the site. The peripheral sites are located within similar mapped geology as the subject site and are anticipated to have similar subsurface conditions. Report citations are given in the References section herein.

Regional and Site Geology

The site is located within the Great Valley Geomorphic Province of California, more commonly referred to as the Central Valley (CGS, 2002). The Central Valley is a broad depression bounded by the Sierra Nevada mountain range to the east and the Coast Ranges to the west. The valley has been filled with a thick sequence of sediments derived from weathering of the adjacent mountain ranges resulting in a stratigraphic section of Cretaceous, Tertiary, and Quaternary deposits.

The site is located near the southern end of the Sacramento Valley, approximately 5 miles east of the Cosumnes River. Published geologic mapping depicts the site vicinity underlain by the Quaternary aged Riverbank Formation (map symbol Qr), described as a mixture of gravel, sand, silt, and clay alluvium (Wagner, 1981). A portion of the published geologic map covering the site and local vicinity is presented on the Geologic Map, Figure 4.

Soil Conditions

We identified near-surface soil and geologic conditions by observation of three representative bulk samples of shallow surface soil collected during our site reconnaissance and review of the referenced geotechnical reports. Soil descriptions provided below include the USCS symbol where applicable.

The bulk samples collected during our site reconnaissance revealed the upper three feet of soil at the site to be lean clay (CL) with varying amounts of silt and fine sand. The site is anticipated to be underlain by primarily interbedded layers of lean and sandy lean clay (CL), silt and sandy silt (ML), and silty and clayey sand (SM and SC).

Groundwater

No groundwater was encountered during our bulk sample collection, maximum depth of three feet below site grades. To evaluate the depth to groundwater in the site vicinity, we reviewed information available on the California Department of Water Resources (DWR) Sustainable Groundwater Management Act (SGMA) Data Viewer (https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#gwlevels). No direct groundwater depth measurements are available within ¾ mile of the site. However, groundwater depth contours in the vicinity indicate groundwater depths ranged between approximately 80 and 90 feet below ground surface between Spring 2011 and Spring 2024. We expect that groundwater conditions at the site will be similar. We note that fluctuations in the level of groundwater may vary due to seasonal fluctuations in temperature and rainfall, localized pumping and irrigation practices, subsurface soil conditions, and other factors.

GEOLOGIC HAZARDS

Based on our reconnaissance, review of geologic maps and reports, and our experience in the area, we present the following information regarding potential geologic hazards.

Mapped Geologic Hazard Zones

The site is located not located in any geologic hazard zones mapped by the California Geological Survey (CGS, 2025a) including earthquake fault zones, liquefaction zones, or seismic landslide hazard zones.

The Sacramento County General Plan (2011) indicates the site vicinity has low susceptibility to landslides and expansive soil but may be susceptible to land subsidence due to groundwater withdrawal. Based on published maps associated with the General Plan, the site vicinity has medium to high potential of subsidence (County of Sacramento, 2011). Land subsidence may adversely impact improvements (buildings, underground utilities, etc.) over time. Additionally, the County General Plan notes a potential risk from flooding in Galt area, specifically from inundation caused by a failure of the Rancho Seco Dam causing excess flow to the Laguna Creek Basin that would extend to near Galt.

Surface Fault Rupture

The numerous faults in Northern California include active, potentially active, and inactive faults. The criteria for these major groups are based on criteria developed by the California Division of Mines and Geology (CDMG, now California Geological Survey [CGS]) for the Alquist-Priolo Earthquake Fault Zone (APEFZ) Program (Hart and Bryant, 1999). By definition, an active fault is one that has had surface displacement within the last 11,000 years. A potentially active fault has demonstrated surface displacement during Quaternary time (approximately the last 1.6 million years) but has had no known movement within the past 11,000 years. Faults that have not moved in the last 1.6 million years are considered inactive.

Based on our research, analyses, and observations, the site is not located on any known "active" earthquake fault trace. In addition, the site is not located within an APEFZ. Therefore, we consider the potential for ground rupture due to onsite active faulting to be low.

Based on our review of local and regional geologic maps, the closest fault with historic displacement is segment 5 of the Great Valley fault system, Pittsburg Kirby Hills, located approximately 34 miles west of the site. The closest mapped Holocene-active fault to the site is the Greenville Connected fault located about 40 miles west of the site. The closest mapped pre-Holocene (Quaternary) fault to the site is a segment of the Midland fault zone located approximately 22 miles west of the site.

Seismic Shaking

We used the United States Geological Survey (USGS) *Unified Hazard Tool* (https://earthquake.usgs.gov/hazards/interactive/) to determine the deaggregated seismic source parameters including controlling magnitude and fault distance. Assuming a Site Class of D, the USGS estimated modal magnitude is 6.3 and the estimated Peak Ground Acceleration (PGA) is 0.247g for the Maximum Considered Earthquake (MCE) with a 2,475-year return period (USGS, 2025).

The intensity scale of earthquake ground shaking currently used in the United States is the Modified Mercalli (MM) Intensity Scale. This scale, composed of increasing levels of intensity that range from imperceptible shaking to catastrophic destruction, is designated by Roman numerals. It does not have a mathematical basis; instead it is an arbitrary ranking based on observed effects. The lower numbers of the intensity scale generally deal with the manner in which the earthquake is felt by people. The higher numbers of the scale are based on observed structural damage. Structural engineers usually contribute information for assigning intensity values of VIII or above. Table 1 summarizes the MM Intensity Scale (USGS, 1989):

TABLE 1
MODIFIED MERCALLI INTENSITY SCALE

Intensity	Shaking	Description/Damage
I	Not felt	Not felt except by a very few under especially favorable conditions.
II	Weak	Felt only by a few persons at rest,especially on upper floors of buildings.
III	Weak	Felt quite noticeably by persons indoors, especially on upper floors of buildings. Many people do not recognize it as an earthquake. Standing motor cars may rock slightly. Vibrations similar to the passing of a truck. Duration estimated.
IV	Light	Felt indoors by many, outdoors by few during the day. At night, some awakened. Dishes, windows, doors disturbed; walls make cracking sound. Sensation like heavy truck striking building. Standing motor cars rocked noticeably.
V	Moderate	Felt by nearly everyone; many awakened. Some dishes, windows broken. Unstable objects overturned. Pendulum clocks may stop.
VI	Strong	Felt by all, many frightened. Some heavy furniture moved; a few instances of fallen plaster. Damage slight.
VII	Very strong	Damage negligible in buildings of good design and construction; slight to moderate in well-built ordinary structures; considerable damage in poorly built or badly designed structures; some chimneys broken.
VIII	Severe	Damage slight in specially designed structures; considerable damage in ordinary substantial buildings with partial collapse. Damage great in poorly built structures. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture overturned.
IX	Violent	Damage considerable in specially designed structures; well-designed frame structures thrown out of plumb. Damage great in substantial buildings, with partial collapse. Buildings shifted off foundations.
X	Extreme	Some well-built wooden structures destroyed; most masonry and frame structures destroyed with foundations. Rails bent.

An examination of available historic data from the California Geological Survey's Historical Earthquake Online Database (CGS, https://maps.conservation.ca.gov/cgs/historicearthquakes/) suggests that the site may have experienced ground shaking equivalent to Modified Mercalli Intensity (MMI) of V to VI (CGS, 2025b). The most intense earthquake ground shaking likely resulted from an earthquake near Hayward which occurred on October 21, 1868, with epicenters located approximately 59 southwest of the site. The earthquake had Richter Scale Magnitude of 7 was felt as far away as Virgina City and Carson City, Nevada.

Liquefaction

Liquefaction is a phenomenon in which saturated cohesionless soils are subject to a temporary loss of shear strength due to pore pressure buildup under the cyclic shear stresses associated with earthquakes. Primary factors that trigger liquefaction include: strong ground shaking (seismic source), relatively clean, loose granular soils (primarily poorly graded sands and silty sands), and saturated soil conditions.

The site is not located in a currently established State of California Seismic Hazard Zone for liquefaction. In addition, we are not aware of any reported historical instances of liquefaction in the Galt area. Mitigation and specific design measures with respect to liquefaction is not expected to be necessary for the project.

Landslides and Slope Stability

The site and immediate vicinity are relatively flat and level. There are no significant existing natural or constructed slopes on or adjacent to the site. Slope instability is not a hazard for the site.

Expansive Soil

The near-surface soil at the site is expected to consist of lean clay, clayey silt, and silty sand. An Expansion Index test was performed on a soil sample obtained at 0 to 3 feet depth that revealed a low expansion potential, see table 2 below. However, based on the presence of near-surface predominantly clay soil, we recommend performing laboratory expansion index testing on additional near-surface clay soil samples to evaluate soil expansion potential as part of the future design-level geotechnical investigation for this project.

TABLE 2
EXPANSION INDEX TEST RESULTS
ASTM D4829

Sample Number	Depth (feet)	Moisture Content (%)		Expansion Index	Classification*
		Before Test	After Test		
B2	0 – 3	9.3	15.2	14	Very Low

**Expansion Potential Classification per ASTM D4829.*

Soil Corrosion Potential

We performed a soil corrosion potential screening by conducting laboratory testing on a representative near-surface soil sample.

We performed pH, resistivity, chloride, and sulfate tests on one sample to generally evaluate the corrosion potential of the soil with respect to proposed building addition. These tests were performed in accordance with California Test Method (CTM) Nos. 643, 422, and 417. The results are presented in Table 3 and should be considered for design of foundation and underground structures.

TABLE 3
SOIL CORROSION PARAMETER TEST RESULTS
(CALIFORNIA TEST METHODS 643, 417, AND 422)

Sample No.	Sample Depth (ft)	pH	Minimum Resistivity (Ohm-cm)	Chloride (ppm)	Sulfate (ppm)
B2	0-3	5.06	6970	11.9	5.0

Notes: ft = Feet below existing site grades
Ohm-cm = Ohm-centimeters
ppm = Parts per million

Soil with a low pH (higher acidity) is considered corrosive as it can react with lime in cement to leach out soluble reaction products and result in a more porous and weaker concrete. Per Caltrans Corrosion Guidelines (Caltrans 2021), soil with a pH of 5.5 or lower may be corrosive to concrete or steel in contact with the ground. Soil at the location tested may have a higher propensity for corrosion, addition corrosion analysis may be required.

Soil resistivity is the measure of the soil's ability to transmit electric current. Corrosion of buried ferrous metal is proportional to the resistivity of the soil. A lower resistivity indicates a higher propensity for transmitting electric currents that can cause corrosion of buried ferrous metal items. In general, the higher the resistivity, the lower the rate for corrosion. Per Caltrans Corrosion Guidelines (Caltrans, 2021), resistivity serves as an indicator parameter for the possible presence of soluble salts, and it is not included as a parameter to define a corrosive area for structures. A minimum resistivity value for soil less than 1,100 ohm-cm may indicate the presence of high quantities of soluble salts and a higher propensity for corrosion.

Table 4 presents a summary of concrete requirements set forth by the *2022 California Building Code* (CBC) Section 1904 and American Concrete Institute (ACI) 318-19 for possible chloride exposure (ACI, 2019). Chlorides can break down the protective oxide layer on steel surfaces resulting in corrosion. Sources of chloride include, but are not limited to, deicing chemicals, salt, brackish water, seawater, or spray from these sources.

TABLE 4
REQUIREMENTS FOR CONCRETE EXPOSED TO CHLORIDE-CONTAINING SOLUTIONS
(AFTER ACI 318 TABLES 19.3.1.1 and 19.3.2.1)

Chloride Severity	Exposure Class	Condition	Maximum Water to Cement Ratio by Weight	Minimum Compressive Strength (psi)
Not Applicable	**C0**	**Concrete dry or protected from moisture**	**N/A**	**2,500**
Moderate	C1	Concrete exposed to moisture but not to external sources of chlorides	N/A	2,500
Severe	C2	Concrete exposed to moisture and an external source of chlorides	0.40	5,000

The appropriate Chloride Severity/Exposure Class should be determined by the project designer based on the specific conditions at the location of the proposed improvements. Further guidance is provided in ACI 318-19. Per Caltrans Corrosion Guidelines, soil with a chloride concentration of 500 ppm or higher may be corrosive to steel structures or steel reinforcement in concrete. Based on Caltrans criteria, soil at the locations tested is not corrosive with respect to chloride content.

Table 5 presents a summary of concrete requirements set forth by CBC Section 1904 and ACI 318-19 for sulfate exposure. Similar to chlorides, sulfates can break down the protective oxide layer on steel leading to corrosion. Sulfates can also react with lime in cement to soften and crack concrete.

TABLE 5
REQUIREMENTS FOR CONCRETE EXPOSED TO SULFATE-CONTAINING SOLUTIONS
(AFTER ACI 318 TABLES 19.3.1.1 and 19.3.2.1)

Sulfate Severity	Exposure Class	Water-Soluble Sulfate (SO_4) Content		Cement Type (ASTM C 150)	Maximum Water to Cement Ratio by Weight[1]	Minimum Compressive Strength (psi)
		Percent By Mass	Parts Per Million (ppm)			
Not Applicable	**S0**	**SO_4 < 0.10**	**SO_4 < 1,000**	**No Type Restriction**	**N/A**	**2,500**
Moderate	S1	0.10 ≤ SO_4 < 0.20	1,000 ≤ SO_4 < 2,000	II	0.50	4,000
Severe	S2	0.20 ≤ SO_4 ≤ 2.00	2,000 ≤ SO_4 ≤ 20,000	V	0.45	4,500
Very Severe	S3	SO_4 > 2.00	SO_4 > 20,000	V+Pozzolan or Slag	0.45	4,500

Notes:
1. Maximum water to cement ratio limits are different for lightweight concrete, see ACI 318 for details.

Based on the laboratory test results, the Sulfate Severity is classified as “Not Applicable” and the Exposure Class is S0. The concrete mix design(s) should be developed accordingly. The presence of water-soluble sulfates is not a visually discernible characteristic; therefore, other soil samples from the site could yield different concentrations. Additionally, over time landscaping activities (i.e., addition of fertilizers and other soil nutrients) may affect the concentration.

Geocon does not practice in the field of corrosion engineering and the above information is provided as screening criteria only. If corrosion sensitive improvements are planned, we recommend that further evaluations by a corrosion engineer be performed to incorporate the necessary precautions to avoid premature corrosion on buried metal pipes and metal or concrete structures in direct contact with the soils.

CONCLUSIONS AND PRELIMINARY RECOMMENDATIONS

In our opinion, no adverse geologic or geotechnical conditions are expected to be present that would preclude development at the site as presently proposed. Below, we present our findings, preliminary conclusions and recommendations with respect to geotechnical conditions to assist in forward planning and cost estimating.

Previous Site Development, Existing Fill/Backfill

Existing improvements (e.g. foundations, buried utilities, etc.) will require demolition and complete removal as part of site grading and prior to development. On-site septic systems, water wells, etc. will need to be removed in accordance with the Sacramento County requirements. Excavations in existing fill may encounter debris from previous development at the site. Existing fill, if encountered, backfill, and soils disturbed during demolition operations will require removal and thorough re-compaction to provide uniform support for the planned structures and associated improvements. Specific recommendations will be provided as part of the design-level geotechnical investigation.

Soil and Excavation Characteristics

Grading and excavations at the site may be expected to be accomplished with standard effort using heavy-duty grading/excavation equipment.

If grading occurs during or after the wet season (typically winter and spring), or in periods of precipitation, in-place and excavated soils will likely be wet. Earthwork contractors should be aware of moisture sensitivity of clayey and fine-grained soils and potential compaction/workability difficulties. Significant drying effort to attain moisture contents suitable for compaction should be anticipated regardless of the time of year.

Underground Utilities

We anticipate that conventional, open-cut underground utility installation procedures are feasible for the site. Utilities may encounter wet soil and unstable trench bottom conditions. Some form of trench bottom stabilization (such as placing crushed rock wrapped in a geotextile fabric) may be necessary. In addition, some trench sidewall instability may occur in areas with sandy soils. In general, excavated soil from utility trenches will likely require drying and/or removal of debris prior to being reused as trench backfill.

Storm Water Infiltration Devices/Features

Near-surface soil at the site generally consists of lean clay which is a low-permeability soil. These soils typically exhibit very slow water infiltration rates. Although storm water infiltration devices/features may be used, they will need to be designed considering very low or no infiltration into the soil. In this case, the devices/features will primarily be used for detention and/or filtration prior to discharge into the local storm water system.

Site Clearing / Grading / Foundations

Site clearing will involve removal of above ground and below ground structures, deleterious material, and vegetation (discing or stripping). Existing trees and associated root systems within proposed residential lots and pavement areas should be removed. Tree roots larger than 1 inch in diameter should be completely removed.

Following site clearing activities, we anticipate deep scarification, moisture conditioning and recompaction will be required. Areas to receive fill or left at grade should be scarified 12 inches, uniformly moisture conditioned to above or near optimum moisture content and compacted to at least 90% relative compaction.

We anticipate that conventional shallow foundations with interior concrete slabs-on-grade will be feasible for the proposed one- to two-story residential structures. Foundations should be embedded at least 12 inches. Allowable soil bearing capacities on the order of 2,000 to 3,000 pounds per square foot (psf) may be used for preliminary foundation sizing. Specific recommendations should be provided as part of the design-level geotechnical investigation.

Concrete Flatwork and Pavements

Near-surface soil at the site is expected to be low to moderately expansive. Therefore, exterior concrete flatwork will likely require an aggregate layer or low-expansive fill below and specific moisture-conditioning and compaction of soil subgrade. Thickened edges and dowels at building entryways may also likely be required.

Laboratory testing of pavement support characteristics for the site indicated Resistance “R” value of 13, see table 6 below. Therefore, the anticipated pavement subgrade soils at the site are considered low quality materials for support of pavements and flatwork and would likely require relatively thick pavement sections to compensate for the low strength subgrade soils.

TABLE 6
R-VALUE TEST RESULTS
ASTM D2844

Sample ID	Sample Depth (feet)	Average Dry Density (pcf)	Average Moisture Content (%)	Equilibrium R-Value
B2	0 – 3	120.5	11.7	13

Conventional flexible pavement structural sections consisting of hot mix asphalt (HMA) over compacted Class 2 aggregate base (AB) may be used provided they are properly designed (e.g. thick enough) for the soil conditions at the site. Flexible pavement sections may be enhanced (or thickness reduced) by treating the upper portion of the subgrade soil with high-calcium quicklime. Specific pavement design recommendations should be provided as part of the design-level geotechnical investigation. For preliminary design purposes, we have provided various pavement design sections based on our laboratory test results, Sacramento County minimum requirements, and the procedures outlined in the Caltrans Highway Design Manual (Caltrans, 2022).

TABLE 7
ALTERNATIVE PAVEMENT SECTIONS

Traffic Index (TI)	Street Type by Right-of-Way Width	Pavement Subgrades R-value = 10		
		Type A Asphalt Concrete (inches)	Class 2 Aggregate Base (inches)	Portland Cement Concrete (inches)
5.0	32' and 38' Residential Streets	2½	10	---
		3*	9	---
6.0	48' and 60' Streets without bus routes or high truck traffic	3	13	---
		3½*	12	---
		---	5	5
6.5	48' and 60' Streets with bus routes or high truck traffic & all cul-de-sacs	3½	14	---
		4*	13	---
		---	7	5

Note: * = Asphalt concrete thickness contains the Caltrans safety factor.

Design-level Geotechnical Investigation and Analysis

Additional site-specific subsurface exploration, laboratory testing, and engineering analysis will be necessary to provide geotechnical recommendations for design and construction. The investigation should be performed after site configuration/layout has been established. The investigation should include conventional exploratory borings/test pits to evaluate soil conditions.

REFERENCES

1. American Concrete Institute, ACI 318-19, 2019, *Building Code Requirements for Structural Concrete and Commentary*.

2. California Department of Transportation (Caltrans), 2021, *Corrosion Guidelines* (Version 3.2).

3. Caltrans, 2022, *Highway Design Manual*.

4. Caltrans, 2022, *Standard Specifications*.

5. California Department of Water Resources (DWR), *Sustainable Groundwater Management Act (SGMA) Data Viewer*, https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#gwlevels, accessed April 2025.

6. California Geological Survey (CGS), *Earthquake Fault Zones: A Guide for Government Agencies, Property Owners / Developers, and Geoscience Practitioners for Assessing Fault Rupture Hazards in California,* Special Publication 42, 93 pp.; Revised 2018.

7. CGS, 2025a, *Earthquake Zones of Required Investigation*, https://maps.conservation.ca.gov/cgs/EQZApp/app/; accessed April 2025.

8. CGS, 2025b *Historic Earthquake Online Database*, https://maps.conservation.ca.gov/cgs/historicearthquakes/; accessed April 2025.

9. CGS, 2002, *Note 36, California Geomorphic Provinces*.

10. County of Sacramento, 2011, Office of Planning and Environmental Review, *General Plan, Safety Element*; Amended May 25, 2022.

11. Geocon Consultants, Inc., 2005, *Geotechnical Engineering Investigation – River Oak Development – Walnut Avenue at Carillion Boulevard, APN 148-0080-084-0000, Galt, California,* Project No. S9029-06-01, dated September 21, 2005.

12. Hart, Earl W., and Bryant, William A., 1999, *Alquist-Priolo Earthquake Fault Zone Program*, California Division of Mines and Geology.

13. Jennings, C.W. (compiler), 1982, *Fault Map of California*, California Division of Mines and Geology.

14. United States Geological Survey (USGS), 1989, *Abbreviated description of the levels of Modified Mercalli intensity (Public Domain)*

15. USGS, 2025, *Unified Hazard Tool*, https://earthquake.usgs.gov/hazards/interactive/; accessed April 2025.

16. USGS, 2021, *US Topo, Galt Quadrangle, California, 7.5-minute series*, scale 1:24,000.

17. Unpublished reports, aerial photographs, and maps on file with Geocon.

18. Wagner, D.L., 1981, *Geologic Map of the Sacramento quadrangle, California*, California Division of Mines and Geology, Regional Geologic Map RGM-1A, map scale 1:250,000.

CLOSURE

The preliminary conclusions and recommendations contained herein are based on a limited field reconnaissance, review of available information, and our geotechnical experience in the project area. This report is intended for your project planning and due-diligence purposes only. Additional geotechnical investigation and laboratory testing are required for project design and construction. Our professional services were performed, our findings obtained, and our recommendations prepared in accordance with generally accepted geotechnical engineering principles and practices used in this area at this time. We make no warranty, either express or implied.

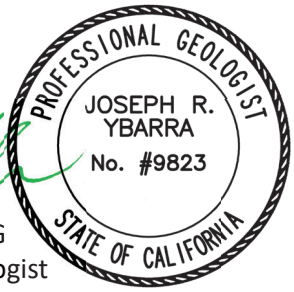
Please contact us if you have any questions regarding this letter or if we may be of further service.

Sincerely,

GEOCON CONSULTANTS, INC.



Michael M. Watari, PE, GE
Senior Engineer

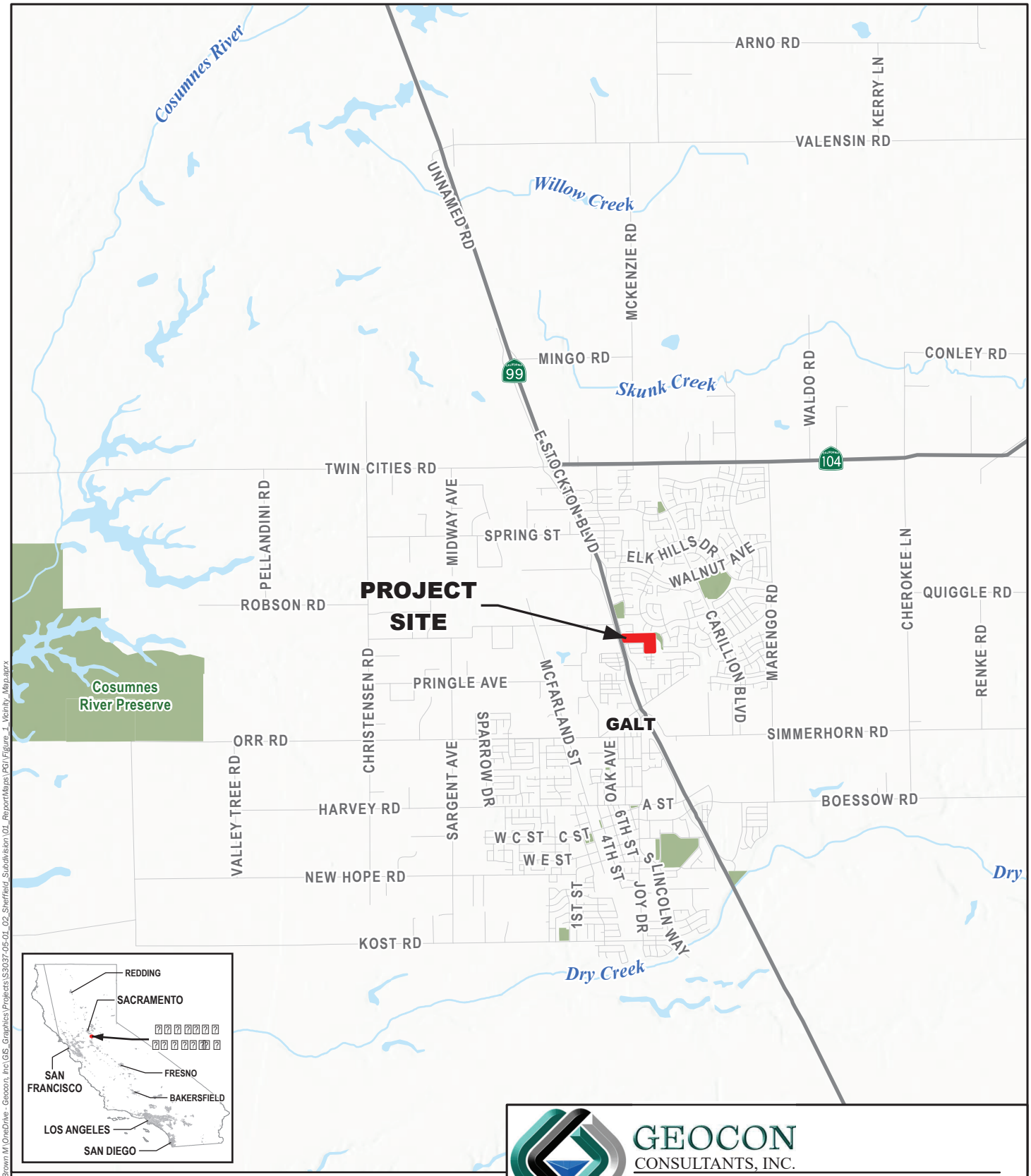


Joseph R. Ybarra, PG
Senior Project Geologist



Jeremy J. Zorne, PE, GE
Senior Engineer

Attachments: Figure 1, Vicinity Map
Figure 2, Site Plan
Figure 3, Proposed Development Plan
Figure 4, Geologic Map



GEOCON 4/8/2025 USER:Brown M PATH:C:\Users\Brown M\OneDrive - Geocon, Inc\GIS_Graphics\Projects\S3037-05-01_02_Sheffield_Subdivision\01_ReportMaps\PDI\Figure_1_Vicinity_Map.aprx

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR - SUITE 800 - RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 - FAX 916.852.9132

Sheffield Subdivision

East Stockton Boulevard
Galt, California

VICINITY MAP

S3037-05-02	April 2025	Figure 1



Legend

B3 ⊗ Approximate Bulk Sample Location

Approximate Site Boundary

N

0 100

Scale in Feet

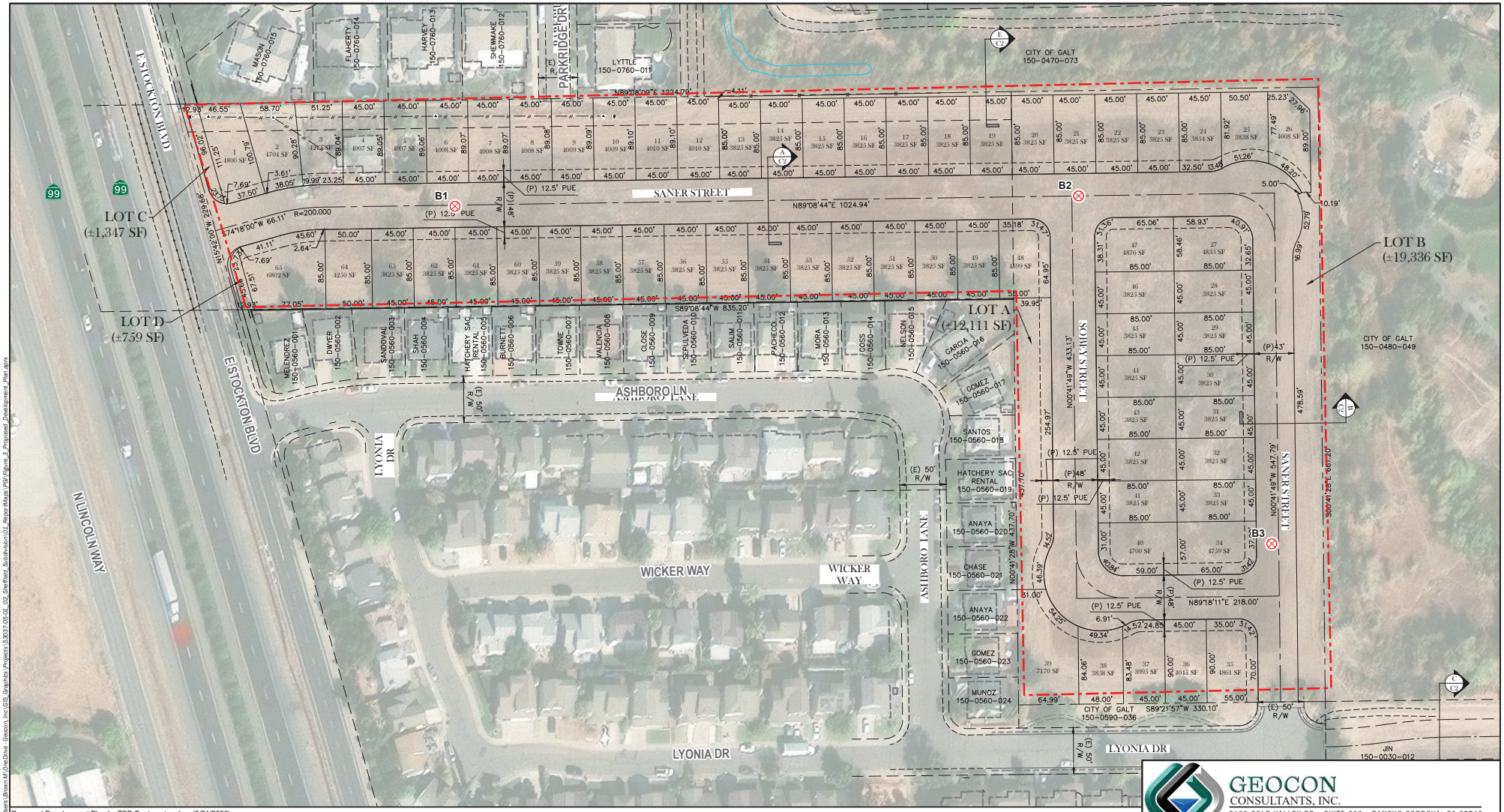
GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR - SUITE 800 - RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 - FAX 916.852.9132

Sheffield Subdivision
East Stockton Boulevard
Galt, California

SITE PLAN

S3037-05-02	April 2025	Figure 2

GEOCON 4/8/2025 USER:Brown,M PATH:C:\Users\Brown,M\OneDrive - Geocon, Inc\GIS_Graphics Projects\S3037-05-02_GP_Sheffield_Subdivision\GIS_Report\Maps\PDF\Figure_2_Site_Plan.aprx



Proposed Development Plan by TSD Engineering, Inc. (3/21/2025)

Legend

B3 ⊗ Approximate Bulk Sample Location

Approximate Site Boundary

N

0 100

Scale in Feet

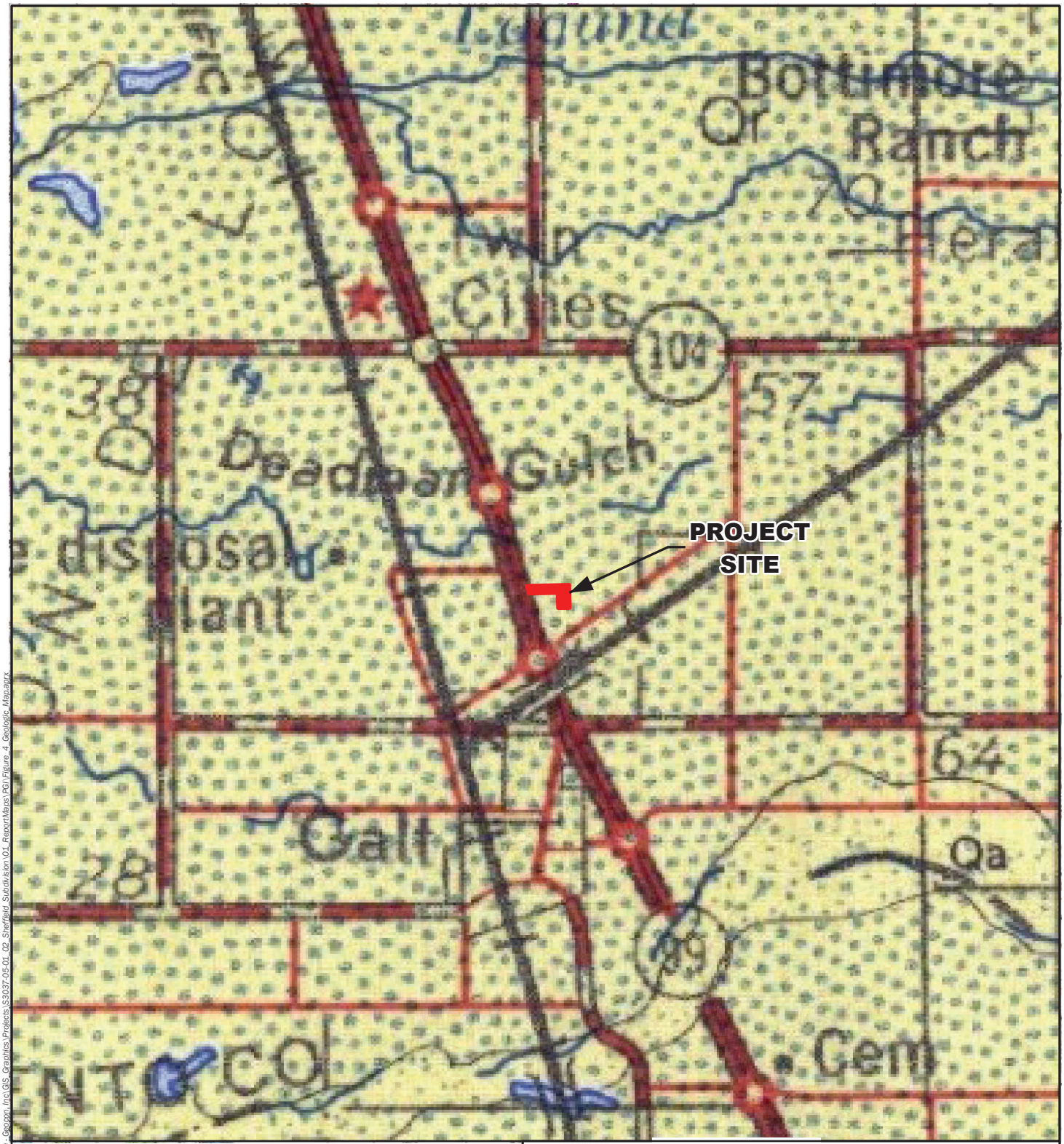
GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DR - SUITE 800 - RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 - FAX 916.852.9132

Sheffield Subdivision
East Stockton Boulevard
Galt, California

PROPOSED DEVELOPMENT PLAN

S3037-05-02	April 2025	Figure 3

GEOCON 4/8/2025 USER:Brown,M:\Onedrive - Geocon, Inc\GIS_Graphics Projects\S3037-05-02_02_Sheffield_Subdivision\01_Report\Maps\PDF\Figure_3_Proposed_Development_Plan.aprx



Geologic Map of the Sacramento Quadrnagles, California, 1:250,000; D.L. Wagner, C.W. Jennings, T.L. Bedrossian, and E.J. Bortugno, 1981

Unit Explantion

Qa — Levee and channel deposits

Or — Riverbank Formation (Alluvium)

N

0 4,000

Scale in Feet

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR - SUITE 800 - RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 - FAX 916.852.9132

Sheffield Subdivision

East Stockton Boulevard
Galt, California

GEOLOGIC MAP

S3037-05-01	April 2025	Figure 4

GEOCON 4/21/2025 USER Brown M PATH C:\Users\Brown M\OneDrive - Geocon Inc\GIS_Graphics\Projects\S3037-05-01_02_Sheffield_Subdivision\01_ReportMaps\PGI\Figure_4_Geologic_Map.aprx

Appendix D

Climate Action Plan Consistency Review Checklist

CITY OF GALT

380 Civic Drive
Galt, California 95632
TELEPHONE (209) 366-7130

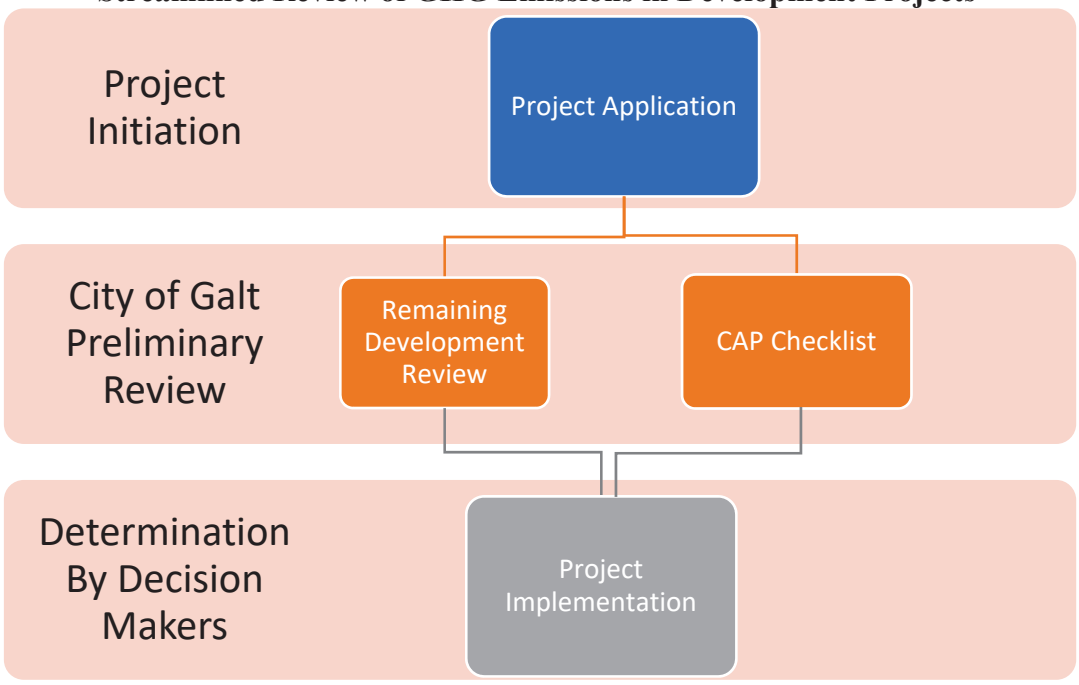
CLIMATE ACTION PLAN CONSISTENCY REVIEW CHECKLIST

The City of Galt's Climate Action Plan (CAP) establishes greenhouse gas (GHG) emission reduction targets for the City of Galt that are consistent with the State of California's. The purpose of the Draft CAP Consistency Review Checklist is to streamline the review process for new development projects which are subject to environmental review pursuant to the California Environmental Quality Act (CEQA). The Draft CAP Consistency Review Checklist will help the City and developers establish a project's compliance with the CAP and CEQA guidelines.

CEQA is a statute that requires state and local agencies to identify the significant environmental impacts of a project, and avoid or mitigate those impacts if feasible. The City of Galt's CAP qualifies under section 15183.5 of the CEQA Guidelines as a plan to reduce GHG emissions that may be used to analyze and mitigate significant impacts of the proposed project.

The diagram below shows the review process a project would follow under the checklist.

Streamlined Review of GHG Emissions in Development Projects



CLIMATE ACTION PLAN CONSISTENCY REVIEW CHECKLIST

Application Submittal Requirements

1. The CAP Consistency Review Checklist is required for all proposed new development.
2. The CAP Consistency Review Checklist must be submitted in addition to the basic set of requirements for project proposal.
3. All items listed to show that proposed project meets the requirements of the Checklist should also be listed in project description and shown on the submitted plans.

Application Information

Name of Applicant:_____

Address: _____

Phone: _____ E-mail: _____

Address of Property: _____

APN of Property: _____

Applicant is owner of subject property: ☐ Yes ☐ No. If no, complete the following information and attach a letter of agency.

Name of Owner: _____

Address: _____

Phone: _____ E-mail: _____

Section 1- Sustainability Checklist Requirements

Instructions for answering the following questions can be found on page 10

Checklist Item (Check the appropriate box, and provide explanation for your answer)	Yes	No	N/A
1. Does the project include bicycle, pedestrian, and/or transit infrastructure? (Transportation Measure 1 & 2)			
Please explain how proposed project meets this requirement, or how it does not. If "not applicable," please explain why.			
2. Are at least 50 percent of all proposed roadways and intersections within the project site designed with traffic calming and congestion management measures? (Transportation Measure 7)			
Please explain how proposed project meets this requirement, or how it does not. If "not applicable," please explain why.			
3. Does the project include Electric Vehicle charging infrastructure and parking spaces as require by State or City standards? (Transportation Measure 5)			
Please explain how proposed project meets this requirement, or how it does not. If "not applicable," please explain why			

Checklist Item (Check the appropriate box, and provide explanation for your answer)	Yes	No	N/A
4. If the project is located within a designated safe route to school, does the project include infrastructure supporting alternative transportation to school? Such infrastructure may include bicycle infrastructure (i.e. bicycle parking, bicycle lanes, bicycle paths) sidewalks, raised or signalized cross-walks, or areas for school busses to stop. (Transportation Measure 3)			
Please explain how proposed project meets this requirement, or how it does not. If "not applicable," please explain why.			
5. If the project includes construction activity, will a sufficient proportion of project equipment meet the City's mobile source emissions reductions requirements? Please refer to directions attached to this checklist to determine the mobile source emissions reduction requirements for your project. (Transportation Measure 9)			
Please explain how proposed project meets this requirement, or how it does not. If "not applicable," please explain why.			
6. Does the project meet the City or State requirements for zero net energy (ZNE) structures and on-site renewable energy generation? (Building Efficiency Measure 2)			
Please explain how proposed project meets this requirement, or how it does not. If "not applicable," please explain why.			

Checklist Item (Check the appropriate box, and provide explanation for your answer)	Yes	No	N/A
7. If the project includes the use of large amounts of high global warming potential gases (e.g. refrigerants, aerosol products such as paint, spray foam insulation, etc.) has the project been designed to minimize or off-set the release of such gases? (Building Efficiency Measure 3)			
Please explain how proposed project meets this requirement, or how it does not. If "not applicable," please explain why			
8. Does the project include provision of adequate recycling and green waste facilities? (Waste Measure 1 & 2)			
Please explain how proposed project meets this requirement, or how it does not. If "not applicable," please explain why.			
9. Does the project include urban tree planting in compliance with the City's requirements? (Land Use Measure 3)			
Please explain how proposed project meets this requirement, or how it does not. If "not applicable," please explain why.			

Checklist Item (Check the appropriate box, and provide explanation for your answer)	Yes	No	N/A
10. Does the project include the provision of outdoor electrical outlets or infrastructure to support all electric landscaping equipment? Furthermore, if the project would include loading docks, does the project include electrical infrastructure sufficient to provide power to any transportation refrigeration units that may be used as part of project operations? (Transportation Measure 9)			
Please explain how proposed project meets this requirement, or how it does not. If "not applicable," please explain why.			

Section 2- Sustainable Design Options

In addition to the foregoing questions, new development shall also meet at least two of the following requirements:

☐ Does the project include reuse or redevelopment of an existing building or previously developed parcel?

☐ Does the project constitute an infill project?
Projects considered infill must be located in an urban area on a site that has either been previously developed or adjoins existing development on at least 75 percent of the site's perimeter.

☐ Does the project include a mix of land uses?
A mix of land uses includes any combination of at least two of the following: residential, commercial, institutional (e.g., elementary school, middle school, etc.), public park, or industrial. Uses may be mixed vertically or horizontally.

☐ Does the project include sustainable design practices (e.g. south facing windows, sustainable or local building materials, water efficient landscaping, natural ventilation, etc.)?

☐ Does the project include permanent protection of high-quality farmland through the use of conservation easements, or rezoning or general plan amendments to remove low-density residential development as a potential use of the farmland to be conserved?

☐ Does the project include the use of all electric appliances, or otherwise reduce the amount of natural gas consumed on-site (e.g. by installing electric or solar powered water heating systems)?

☐ Will the project participate in a Transportation Management Association established by the City or other agencies, which encompass the City?

☐ Does the project include the purchase of carbon off-set credits or implementation of a carbon sequestration program sufficient to off-set 15 percent or more of the project's anticipated greenhouse gas emissions?

☐ Does the project exceed the on-site renewable energy standards required by the applicable California Building Standards Code?

Certification

I hereby certify that the answers to the questions above and the information in the attached exhibits present the data and information required for this initial evaluation to the best of my ability and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

Signature: _____Date: _____

Directions for filling out the CAP Consistency Review Checklist

Question 1: Does the project include bicycle, pedestrian, and/or transit infrastructure?

Explanation: The applicant must demonstrate how the proposed project would support alternative means of transportation through the incorporation of bicycle, pedestrian and/or transit infrastructure. Examples of bicycle infrastructure include bicycle lanes on new/existing roads, designated bicycle/pedestrian paths, construction of sidewalks along the project frontage that connect to pedestrian features within the project site or to existing or planned off-site pedestrian infrastructure, installation of bicycle parking spots, provision of space for bus turnouts or transit shelters. Some pieces of infrastructure complying with this question may also satisfy the requirements of Question 2 of this document, such as intersection bulb outs, raised cross-walks, rumble strips, and chicanes may also support alternative transportation by calming traffic speeds.

Question 2: Are at least 50 percent of all proposed roadways and intersections designed with traffic calming and congestion management measures?

Explanation: At least 50 percent of the proposed roadway segments and/or intersections shall be designed with traffic calming or congestion management measures. Such measures may include intersection bulb outs, raised cross-walks, rumble strips, chicanes, roundabouts, and one-way roads. Should the City's Public Works Department determine that incorporation of such measures infeasible at a proposed development, the City's Public Works Department, or other qualified City entity, shall prepare a written statement explaining why such measures would not be feasible, and the statement shall be appended to this checklist.

Question 3: Does the project include Electric Vehicle charging infrastructure and parking spaces as required by State or City standards?

Explanation: The project shall provide for Electric Vehicle charging stations and preferential parking areas for such vehicles in compliance with City and State requirements. Electric Vehicle charging must be fully installed and operational prior to occupancy of proposed structures.

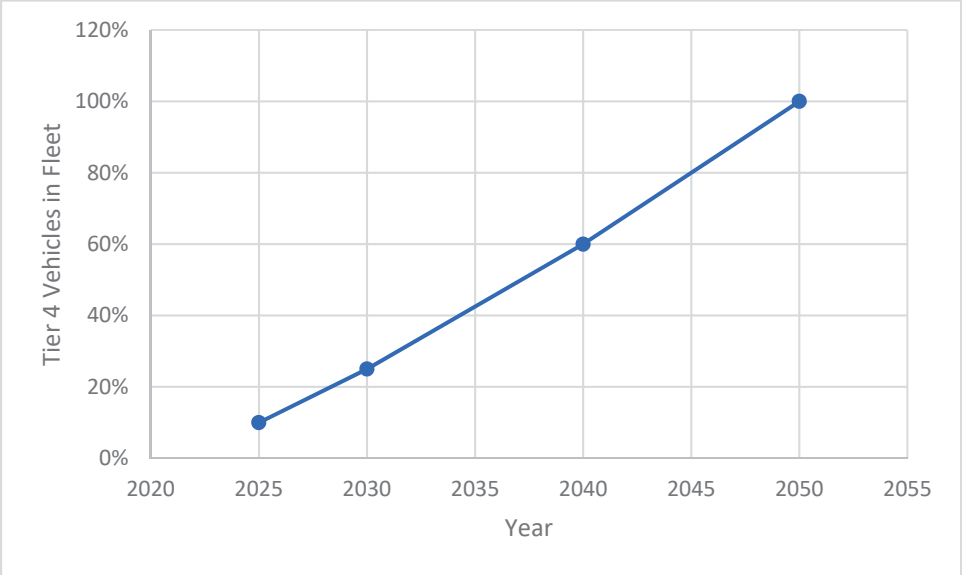
Question 4: If the project is located within a designated safe route to school, does the project include infrastructure supporting alternative transportation to school? Such infrastructure may include bicycle infrastructure (i.e. bicycle parking, bicycle lanes, bicycle paths) sidewalks, raised or signalized cross-walks, or areas for school busses to stop.

Explanation: If existing or planned transportation infrastructure adjacent to or within the project site has been designated for use as a safe route to school, the proposed project shall include pedestrian, bicycle, or school bus infrastructure. Such infrastructure shall comply with the City's Bikeway Master Plan, and may be used to meet the requirements of Questions 1 or 2 of this section.

Question 5: If the project includes construction activity, will a sufficient proportion of project equipment meet the City's mobile source emissions reductions requirements?

Explanation: The City's CAP establishes a timeline for the use of U.S. EPA Tier 4 engines. Engines meeting the U.S. EPA Tier 4 engine requirements consume less fuel than non-tier engines, and emit fewer pollutants such as particulate matter and ozone pre-cursors. The City's

timeline for implementation of Tier 4 engines requires that 10 percent of construction fleets operating within the City in the year 2025 to meet the U.S. EPA's Tier 4 standard, with the proportion of vehicles in the fleet meeting such standards increasing to 30 percent in 2030, 60 percent in 2040 and 100 percent in 2050. The implementation schedule is depicted in the following graph



Project applicants may submit a construction equipment inventory to the City demonstrating compliance with the proposed measures. The City acknowledges that the use of alternatively fueled construction equipment, such as hybrid electric or natural gas powered equipment, could provide similar emissions reductions to Tier 4. As such, project applicants may meet the requirement of this measure through the use of alternatively fueled equipment, or increased use of grid powered equipment, to the satisfaction of the City.

Question 6: Does the project meet the City or State requirements for zero net energy (ZNE) structures and on-site renewable energy generation?

Explanation: Per the 2019 California Building Standards Code, all new residential buildings constructed within the State, which are three-stories tall or less, must include sufficient on-site renewable energy systems to meet 100 percent of the building's anticipate energy demand. For the purposes of this analysis, such standards represent ZNE for residential buildings, as all energy consumed on-site would be provided or off-set by energy created on-site. Non-residential structured developed within the City must be demonstrated to meet similar ZNE standards by the year 2030, or as required to meet the intervening California Building Standards Code.

Question 7: If the project includes the use of large amounts of high global warming potential gases (e.g. refrigerants, aerosol products such as paint, spray foam insulation, etc.) has the project been designed to minimize or off-set the release of such gases?

Explanation: If operation of the project includes the use of large amounts of high global warming potential gases, the project applicant shall provide the City with a comprehensive plan that demonstrates how releases of high global warming potential gases will be minimized to

the extent practicable. Such plans may include demonstration of the efficiency measures incorporated into refrigeration systems, the use of air filtration devices, the substitution of non-high global warming potential gases where practicable, or other means to reduce or eliminate the release of such gases. If the reduction in releases of such gases cannot be demonstrated the project applicant shall demonstrate an alternative means of complying with this measure, for instance by entering into agreements to reduce the release of high global warming potential gases from other existing sources, or the purchase of greenhouse gas off-set credits equivalent to the level of emissions anticipated from project operations.

Question 8: Does the project include provision of adequate recycling and green waste facilities?

Explanation: Project plans shall show that new developments would include the provision of recycling and green waste collection services, unless the proposed development is itself a waste management-oriented development.

Question 9: Does the project include urban tree planting in compliance with the City's requirements?

Explanation: Project plans shall show that new developments would include planting of trees sufficient to meet the City's tree planting requirements in place at the time of project proposal.

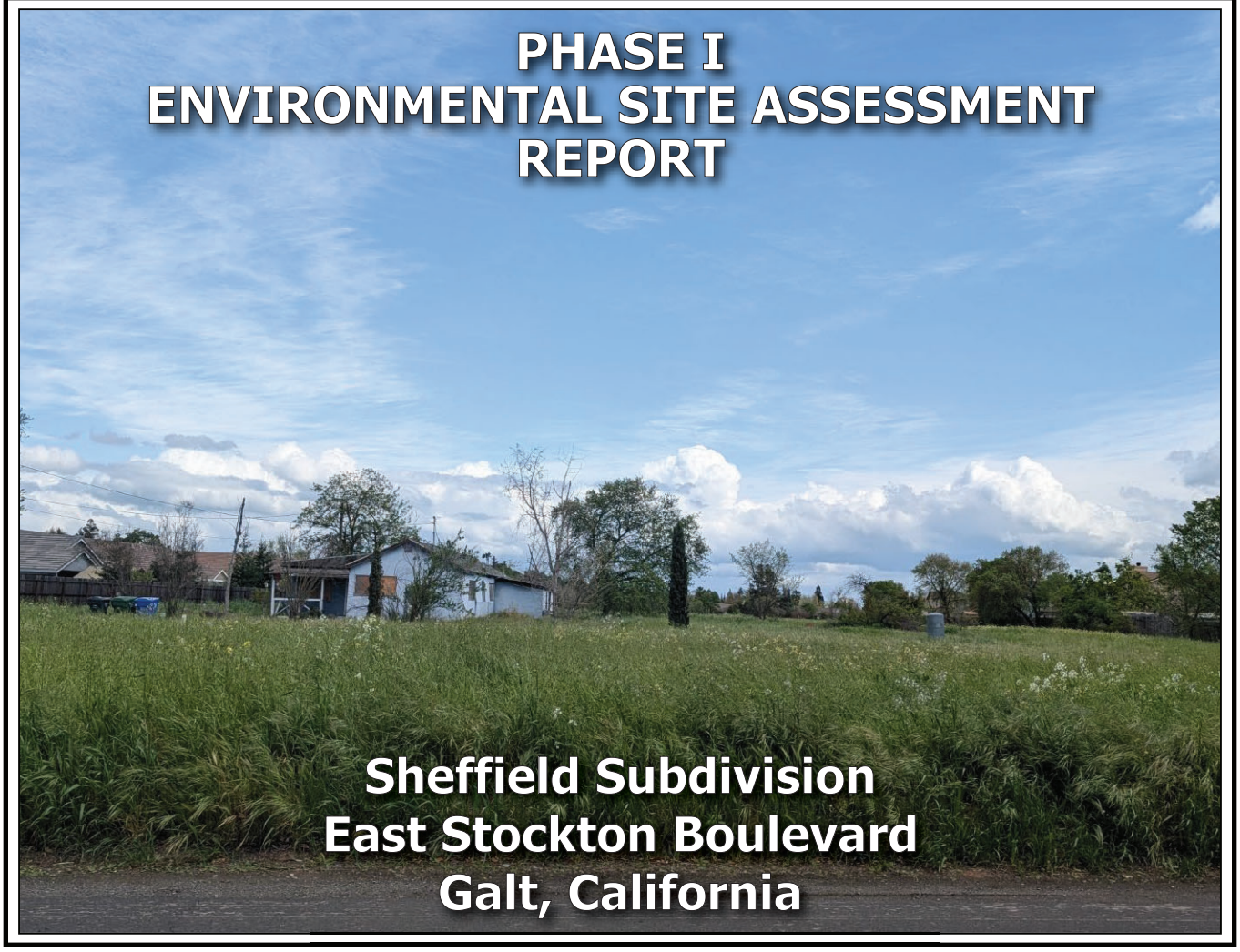
Question 10: Does the project include the provision of outdoor electrical outlets or infrastructure to support all electric landscaping equipment? Furthermore, if the project would include loading docks, does the project include electrical infrastructure sufficient to provide power to any transportation refrigeration units that may be used as part of project operations?

Explanation: Project plans shall show that new developments include outdoor electrical outlets sufficient to power electric landscaping equipment. Should the project include loading docks, electrical infrastructure sufficient to provide supplemental power to any docked vehicles must be provided.

Appendix E

Phase I Environmental Site Assessment

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT



Sheffield Subdivision
East Stockton Boulevard
Galt, California

PREPARED FOR:

FDC NOR-CAL CORP
555 UNIVERSITY AVENUE, SUITE 116
SACRAMENTO, CALIFORNIA 95825

PREPARED BY:

GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DRIVE, SUITE 800
RANCHO CORDOVA, CALIFORNIA 95742

GEOCON

GEOCON PROJECT NO. S3037-05-01

APRIL 2025

Project No. S3037-05-01
April 18, 2025
Revised April 28, 2025

FDC Nor-Cal Corp
555 University Avenue, Suite 116
Sacramento, California 95825

Attn: Aaron Ross-Swain

Subject: PHASE I ENVIRONMENTAL SITE ASSESSMENT
SHEFFIELD SUBDIVISION
EAST STOCKTON BOULEVARD, GALT, CALIFORNIA

Mr. Ross-Swain:

In accordance with the Professional Services Work Authorization between FDC Nor-Cal Corp (FDC Nor-Cal) and Geocon Consultants, Inc. (Geocon), executed on March 25, 2025, Geocon has performed a Phase I Environmental Site Assessment (ESA) of the property and improvements at 13315 East Stockton Boulevard (the site) in Galt, California. The enclosed report describes our Phase I ESA and presents our findings, opinions, and conclusions.

We performed this Phase I ESA for FDC Nor-Cal to assess the site in its current condition for the potential presence of recognized environmental conditions (REC) as defined by ASTM International (ASTM) *Designation E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The Code of Federal Regulations (CFR) *Standards and Practices for All Appropriate Inquiries* (AAI; CFR Title 40, Part 312) identifies ASTM *Designation E1527-21* as an acceptable guidance document for performing a Phase I ESA that satisfies the federal requirements for AAI under Sections 101(35)(B)(ii) and (iii) of the Comprehensive Environmental Response, Compensation, and Liability Act. We understand that searches for recorded environmental cleanup liens (required by CFR Title 40 312.25) will be performed by a title company or other real estate professional and not as part of this Phase I ESA.

We appreciate the opportunity to have performed this Phase I ESA for FDC Nor-Cal. Please contact us if you have any questions concerning the report and our findings or if we may be of further service.

Sincerely,

GEOCON CONSULTANTS, INC.

Kathlyn Ortega, GIT
Staff Geologist

John Juhrend, PE, CEG
Senior Engineer

TABLE OF CONTENTS

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT PAGE

1.0 INTRODUCTION 4
1.1 Purpose and Definitions 5
1.2 Phase I ESA Principles 6
1.3 Scope of Services 8
1.4 Report Limitations 8
1.5 Data Gaps and Significant Data Gaps 9

2.0 SITE DESCRIPTION 10
2.1 Location and Legal Description 10
2.2 Site and Vicinity General Characteristics 10
2.2.1 Topography 10
2.2.2 Geologic Conditions 10
2.2.3 Soil Conditions 11
2.2.4 Hydrologic and Hydrogeologic Conditions 11
2.3 Current and Planned Uses of the Site 12
2.4 Descriptions of Structures, Roads, and Other Improvements on the Site 12
2.5 Current Uses of Adjoining and Adjacent Properties 12

3.0 USER-PROVIDED INFORMATION 12
3.1 Title, Appraisal, and Sale Agreement Records 13
3.2 Environmental Liens or Activity and Use Limitations 13
3.3 Specialized Knowledge 13
3.4 Commonly Known or Reasonably Ascertainable Information 13
3.5 Valuation Reduction for Environmental Issues 13
3.6 Owner, Property Manager, and Occupant Information 13
3.7 Reason for Performing Phase I ESA 13
3.8 Previous Documents 14

4.0 RECORDS REVIEW 14
4.1 Standard Environmental Record Sources 14
4.1.1 Site 15
4.1.2 Offsite Properties 15
4.2 Orphan Summary 17
4.3 Other Environmental Record Sources 18
4.3.1 GeoTracker and EnviroStor 18
4.3.2 Sacramento County Environmental Management Department 18
4.3.3 Sacramento County Agriculture Commissioner and Weights and Measures Department 18
4.3.4 California Geologic Energy Management Division 18
4.3.5 National Pipeline Mapping System 18

5.0 HISTORICAL USE 19
5.1 Aerial Photographs 19
5.2 Topographic Maps 21
5.3 City Directories 22
5.3.1 Site 22
5.3.2 Adjoining and Adjacent Properties 22

6.0 SITE RECONNAISSANCE 23
6.1 Methodology and Limiting Conditions 23
6.2 Site Setting 23
6.3 Onsite Survey 23
6.4 Offsite Survey 24
6.5 Features, Activities, Uses, and Conditions Not Observed To Be Present 24
7.0 INTERVIEWS 26
8.0 FINDINGS AND CONCLUSIONS 27
8.1 Potential Environmental Concerns 27
9.0 REFERENCES 28
10.0 QUALIFICATIONS 29

FIGURES
1. Site Location Map
2. Site Plan

PHOTOGRAPHS (1 through 16)

APPENDICES
A. Assessor's Parcel Map
B. User Questionnaire
C. EDR Radius Map Report with GeoCheck
D. EDR Aerial Photographs
E. EDR Historic Topographic Maps
F. EDR City Directory
G. Site Owner/Occupant Questionnaire

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

1.0 INTRODUCTION

Geocon Consultants, Inc. (Geocon) has performed a Phase I Environmental Site Assessment (ESA) of the property and improvements at 13315 East Stockton Boulevard (the site) in Galt, California. We performed the Phase I ESA for FDC Nor-Cal Corp (FDC Nor-Cal; the Client) to assess the site for the potential presence of recognized environmental conditions (REC) pursuant to guidelines established by ASTM International (ASTM) Designation E1527-21 - *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.* We performed the Phase I ESA as part of FDC Nor-Cal's environmental due diligence prior to acquiring the site for development of a residential subdivision.

This report describes the Phase I ESA methodology and presents our findings, opinions, and conclusions. The report is organized as follows:

- Section 1.0 describes the purpose and objectives of the Phase I ESA, defines terms, and describes the Phase I ESA services, limitations, and identified data gaps;
- Section 2.0 describes the site's physical setting and conditions;
- Section 3.0 summarizes information provided by FDC Nor-Cal as the "user" of the Phase I ESA;
- Section 4.0 summarizes readily available records for the site and surrounding properties that we obtained from regulatory and administrative agencies and other sources;
- Section 5.0 describes the historical use of the site and surrounding area ascertained from historical records and information sources;
- Section 6.0 describes the site and surrounding properties and facilities from our observations during the site reconnaissance;
- Section 7.0 summarizes information obtained from interviews of persons familiar with the site;
- Section 8.0 presents our findings and conclusions regarding RECs and recommendations for further environmental assessment, if any;
- Section 9.0 lists the references cited in this Phase I ESA report; and
- Section 10.0 provides a qualifications statement from the environmental professional responsible for the Phase I ESA and report.

1.1 Purpose and Definitions

The purpose of the Phase I ESA was to identify evidence or indications of RECs, or other qualified RECs, at the site as defined by *ASTM Designation E1527-21.* ASTM *Designation E1527-21* defines an REC as "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition." De minimis conditions are further described as "a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimis condition is not a recognized environmental condition nor a controlled recognized environmental condition."

ASTM *Designation E1527-21* also defines "historical" and "controlled" RECs (HREC and CREC, respectively). An HREC is defined as "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations)." A CREC is defined as "recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)." An HREC is generally not an REC if a property meets current standards for unrestricted residential use. A CREC remains an REC by definition when a property does not meet the unrestricted residential use requirement unconditionally.

We define a "potential environmental concern" as a past use of the site or adjoining or adjacent property that may have involved the use, storage, and/or release of hazardous substances or petroleum products that could have impacted the site, but for which there are no records or other information to confirm that use, storage, or release. An example would be the possible application of pesticides to an agricultural field (i.e., irrigated row crop or orchard), but for which there are no records of such application or confirmation from a knowledgeable person (i.e., site owner/occupant/operator) that pesticides were used at the site.

As of July 8, 2024, the United States Environmental Protection Agency (EPA) has designated two types of per- and polyfluoroalkyl substances (PFAS) as hazardous substances under CERCLA. PFAS has been used since the 1940s for use in or manufacturing of a wide range of industrial and consumer products, including but not limited to clothing, carpets, fabrics, food packaging, cookware and firefighting foams. Due to their persistent and versatile properties, PFAS have become so widespread that they are now commonly found in broad array of products and environmental settings. The EPA's PFAS Enforcement and Compliance History Online (ECHO) database, one of the PFAS databases that we reviewed as part of this assessment, tracks industry sectors that potentially handle or release PFAS. Enforcement is designed to target those entities that are significantly contributing to PFAS pollution, such as manufacturers, industrial users, and federal facilities. Given the pervasive presence of PFAS, consultants could identify PFAS-related RECs in nearly every Phase I ESA. This practice would undoubtedly raise concerns for lenders, buyers, and sellers, potentially complicating or even terminating real estate transactions. Additionally, it presents challenges for consultants in recommending, conducting, and evaluating PFAS-related assessments (i.e., Phase II ESAs) that may not be necessary or required. Therefore, for purposes of this assessment, we will rely on cited resources (such as federal, state, and local regulatory databases and records and Client-provided and site owner[s] information about site use) to evaluate whether the site and/or a nearby property has been involved in the manufacturing, use, storage, treatment, transportation, or disposal of PFAS.

The Code of Federal Regulations (CFR) *Standards and Practices for All Appropriate Inquiries* (AAI; CFR Title 40, Part 312) identifies ASTM *Designation E1527-21* as an acceptable guidance document for performing a Phase I ESA that satisfies the federal requirements for AAI under Sections 101(35)(B)(ii) and (iii) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The purpose of AAI is to meet some of the requirements to qualify for certain landowner liability protections under CERCLA. A title company or other real estate professional should search for recorded environmental liens and activity and use limitations (AUL) as required by CFR Title 40 312.25 as a search for those records is not part of our services for a Phase I ESA.

1.2 Phase I ESA Principles

The following principles are an integral part of ASTM *Designation E1527-21*:

- "**Uncertainty Not Eliminated** - No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a subject property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a subject property, and this practice recognizes reasonable limits of time and cost."

- "**Not Exhaustive** - All Appropriate Inquiries does not mean an exhaustive assessment of a property. There is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. One of the purposes of this practice is to identify a balance between the competing goals of limiting the costs and time demands inherent in performing an environmental site assessment and the reduction of uncertainty about unknown conditions resulting from additional information."

- "**Level of Inquiry is Variable** - Not every property will warrant the same level of assessment. Consistent with good commercial and customary standards and practices as defined at 42 U.S.C. § 9601(35)(B), the appropriate level of environmental site assessment will be guided by the type of property subject to assessment, the expertise and risk tolerance of the user, future intended uses of the subject property disclosed to the environmental professional, and the information developed in the course of the inquiry."

- **"Comparison with Subsequent Inquiry** - It should not be concluded or assumed that an inquiry was not all appropriate inquiries merely because the inquiry did not identify recognized environmental conditions in connection with a subject property. Environmental site assessments must be evaluated based on the reasonableness of judgments made at the time and under the circumstances in which they were made. Subsequent environmental site assessments should not be considered valid standards to judge the appropriateness of any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, or other factors."

- **"Point in Time** - The environmental site assessment is based upon conditions at the time of completion of the individual environmental site assessment elements."

The following table lists the Phase I ESA elements and the date they were completed:

PHASE I ESA ELEMENT	REPORT SECTION	COMPLETION DATE
Physical Setting Resources	2.0	April 14, 2025
User's Responsibilities	3.0	April 15, 2025
Government Records	**4.0**	**March 27, 2025**
Historical Records	5.0	March 26, 2025
Site Reconnaissance	**6.0**	**March 31, 2025**
Owner/Operator/Occupant Interviews	**7.0**	**March 28, 2025**
Evaluation and Report	8.0	April 18, 2025

Note: **Bold** = Phase I ESA elements that are included in the presumed viability of this report as defined by ASTM *Designation E1527-21* Section 4.6.

Therefore, the information contained herein is valid as of March 27, 2025 and will require an update after 180 days to reflect updated records and another site reconnaissance to assess current site conditions.

1.3 Scope of Services

We performed the Phase I ESA pursuant to the Professional Services Work Authorization between FDC Nor-Cal Corp (FDC Nor-Cal) and Geocon Consultants, Inc. (Geocon), executed on March 25, 2025. The scope and limitations of the Phase I ESA are set forth in Geocon Proposal Number SA-25-0219-P-GE dated March 24, 2025. We performed the services as outlined in our proposal with the exception that we did not review Sanborn Fire Insurance Maps (Sanborn maps) as Environmental Data Resources, Inc. (EDR) indicated that Sanborn map coverage does not exist for the site and vicinity. The main components of a Phase I ESA and their objectives, pursuant to ASTM *Designation E1527-21*, include the following:

- **Physical Setting:** We reviewed various references to obtain information concerning the topographic, geologic, and hydrologic/hydrogeologic characteristics of the site and vicinity. Such information may be indicative of the direction and/or extent that a contaminant could be transported in the event of a spill or release on or near the site.

- **Records Review:** We reviewed publicly available federal, state, and local regulatory agency records to obtain information that could potentially help identify RECs at or potentially affecting the site.

- **Site History:** We reviewed historical information sources to assess previous uses of the site and surrounding area and identify those that could have led to RECs on the site. Those information sources included historical aerial photographs, topographic maps, and city directories. In addition, we conducted interviews with persons who were expected to be reasonably knowledgeable about historical and/or current uses and conditions at of the site.

- **Site Reconnaissance:** We performed a site reconnaissance to observe site uses and conditions for evidence or indications of RECs. We viewed adjoining and adjacent offsite properties and features solely from the vantage of the site and public thoroughfares.

1.4 Report Limitations

We prepared this Phase I ESA report exclusively for FDC Nor-Cal. The information obtained is only relevant for the latest of the dates of the records reviewed, the latest site visit, and completion of interviews with governmental officials and/or site owner(s), occupant(s), and/or operator(s) as cited in Section 1.2.

FDC Nor-Cal should recognize that a Phase I ESA is not a comprehensive site characterization and should not be construed as such. The findings and conclusions presented in this report are predicated on the site reconnaissance, information in the specified regulatory records, and information regarding the historical usage of the site, as presented in this report. FDC Nor-Cal should also understand that we did not assess the site for wetlands or perform testing (sample collection and laboratory analysis) for asbestos-containing building materials, lead-containing paint, lead in drinking water, radon, mercury and other contaminants related to mining, methane, mold, or potential naturally occurring hazards

such as asbestos and arsenic as part of this Phase I ESA. The Phase I ESA did not include sample collection and laboratory analysis, nor did it include the evaluation of regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, air quality or geologic hazards. The information provided in this report is not meant to eliminate the risk involved in property transactions. No guarantee or warranty of the results of the Phase I ESA is expressed or implied by this report or any subsequent reports, correspondence, or consultation. We strived to conduct the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.

1.5 Data Gaps and Significant Data Gaps

A data gap is defined by ASTM *Designation E1527-21* as "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." Data gaps could include such things as insufficient historical information, the inability to interview persons with direct site knowledge (e.g., the owner(s), past owner(s), tenants, workers, etc.) or the lack of access to all parts of a site during the site reconnaissance. As described in Section 1.3, we did not review Sanborn maps for the site as EDR indicated that Sanborn map coverage does not exist for the site and vicinity. However, we were able to review other sufficient historical information and therefore do not consider the lack of Sanborn map coverage a data gap. We observed a sign posted by the City of Galt indicating "DANGER DO NOT ENTER UNSAFE TO OCCUPY" on the front door of the residence in the northwest portion of the site and we were unable to enter. However, we received information about the past use of the residence from the site owner. Therefore, we consider the lack of entry to the residence to be a data gap, but not a significant data gap.

A "significant" data gap is defined by ASTM *Designation E1527-21* as "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition." These data gaps are only significant if "other information and/or professional experience raises reasonable concerns involving the effects of that data gap on the ability of the environmental professional to render an opinion regarding whether conditions exist that are indicative of recognized environmental conditions or controlled recognized environmental conditions." We identified no significant data gaps during this Phase I ESA.

2.0 SITE DESCRIPTION

This section describes the location and physical characteristics of the site including its size, topography, geologic, soil, and hydrogeologic conditions.

2.1 Location and Legal Description

The site is located at 13315 East Stockton Boulevard in Galt, California (Figure 1). The site is further identified by Sacramento County assessor's parcel numbers (APN) 150-0012-007-0000, 150-0012-025-0000, and 150-0012-026-0000. A parcel map depicting the site is in Appendix A.

Within the Public Land Survey System of California, the site is in the northeastern portion of Section 22 and the northwestern portion of Section 23 in Township 5 North, Range 6 East, Mount Diablo Base and Meridian.

2.2 Site and Vicinity General Characteristics

The approximately 9.5-acre site is currently occupied by one rural residence with an associated dilapidated supply well and a concrete pad from a former structure in the northwest portion of the site. The remainder of the site is undeveloped grassland with a few sporadic mature shrubs. The site is situated east of State Route 99 in an area with primarily residential land uses. Stockton Boulevard extends northwest-southeast along the western boundary of the site and a creek, which branches off Deadman Gulch approximately 950 feet north-northwest of the site, extends along the northeastern and eastern boundaries of the site (Figure 2).

2.2.1 Topography

The site is generally flat-lying at an elevation of approximately 50 feet above mean sea level (United States Geological Survey [USGS], 2021).

2.2.2 Geologic Conditions

We obtained site geologic information from a variety of sources including:

- *California Geology* (Harden, 2003);

- *Note 36, California Geomorphic Provinces* (California Geological Survey [CGS], 2002); and
- *Preliminary Geologic Map of the Lodi 30' X 60' Quadrangle, California* (CGS, 2009).

Following are summaries of pertinent information obtained.

2.2.2.1 Geomorphic Region

The site is located in the south Sacramento Valley. The Sacramento Valley is the northern portion of the Great Valley geomorphic province of California. The Great Valley is bounded by the Sierra Nevada to the east, the Coast Ranges to the west, and is separated from the southern portion of the Great Valley (the San Joaquin Valley) by the Sacramento-San Joaquin River Delta. The Sacramento Valley is filled with a thick sequence of Jurassic- to Recent-age sedimentary deposits, both continental and marine in origin (CGS, 2002; Harden, 2003).

2.2.2.2 Geologic Formations/Stratigraphy

Surficial geology at the site is mapped primarily as the Pleistocene-aged middle unit of the Riverbank Formation (map symbol Qr_2), which is a Quaternary alluvial deposit consisting of interbedded layers of sand, silt, and clay (USGS, 2009).

2.2.3 Soil Conditions

The United States Department of Agriculture – Natural Resources Conservation Service *Web Soil Survey* (http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx) indicates that surficial soil on the site is primarily classified as:

- **Durixeralfs:** clay to clay loam formed from alluvium derived from granite; and
- **San Joaquin Silt Loam:** silt loam to clay loam and stratified sandy loam formed from alluvium derived from granite.

2.2.4 Hydrologic and Hydrogeologic Conditions

A creek that branches off Deadman Gulch, which is approximately 950 feet north-northwest of the site, borders the northeastern and eastern portions of the site (Figure 2).

Information available on the California Department of Water Resources (DWR) Sustainable Groundwater Management Act (SGMA) *Data Viewer* (https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#gwlevels) indicates that depth to groundwater near the site was approximately 80 to 90 feet below ground surface in Spring 2024. However, depth to groundwater at the site may fluctuate due to seasonal fluctuations in creek levels and rainfall.

Groundwater flow direction beneath the site appears to be generally to the west and northwest. *Data Viewer* also indicates that regional groundwater flow was to the west in Spring 2024.

2.3 Current and Planned Uses of the Site

The site contains an unoccupied rural residence and associated structures in the northwest portion of the site. The remainder of the site is undeveloped grassland with a few sporadic mature shrubs. We understand FDC Nor-Cal plans to develop the site with single-family residential lots.

2.4 Descriptions of Structures, Roads, and Other Improvements on the Site

One rural residence and associated dilapidated supply well and concrete pad from a former structure are present in the northwestern portion of the site. Stockton Boulevard extends northwest-southeast along the western boundary of the site. Further description of site conditions is in Section 6.0.

2.5 Current Uses of Adjoining and Adjacent Properties

The site it bounded to the north by residential developments and a creek; to the east by a creek and vacant natural area, beyond which are residential developments and Canyon Creek Park; to the south by residential developments; and to the west by Stockton Boulevard, beyond which is State Route 99.

3.0 USER-PROVIDED INFORMATION

This section summarizes information regarding the site that Aaron Ross-Swain with FDC Nor-Cal (the "user" of this Phase I ESA) provided to us. We provided Ms. Ross-Swain with a user questionnaire regarding the past and present use of the site and the potential for RECs related to the use, storage, or disposal of hazardous substances and/or petroleum products on the site. A copy of Ms. Ross-Swain's responses to the user questionnaire is in Appendix B.

3.1 Title, Appraisal, and Sale Agreement Records

Mr. Ross-Swain provided us with a *Preliminary Report* regarding the title (title report) for the site prepared by Fidelity National Title Company, dated March 10, 2025. The title report notes no items indicating or suggesting impacts to the environmental conditions of the site. FDC Nor-Cal did not provide us with an appraisal or sale agreement records for the site.

3.2 Environmental Liens or Activity and Use Limitations

Mr. Ross-Swain indicated that he is not aware of any environmental liens or other activity and use limitations (AULs) for the site.

3.3 Specialized Knowledge

Mr. Ross-Swain indicated that he has no specialized knowledge regarding the site or its past or current uses that could potentially impair, or could have impaired, the environmental conditions of the site.

3.4 Commonly Known or Reasonably Ascertainable Information

Ms. Ross-Swain indicated that he is aware that the site is vacant with no tenants.

3.5 Valuation Reduction for Environmental Issues

Mr. Ross-Swain indicated that he is not aware of any environmental conditions that could lead to a potential valuation reduction for the site.

3.6 Owner, Property Manager, and Occupant Information

Mr. Ross-Swain indicated that the site is owned by the Sheffield Trust. Mr. Ross-Swain provided Richard Sheffield of the Sheffield Trust with a site owner/occupant questionnaire on our behalf. Information from this questionnaire is summarized in Section 7.0.

3.7 Reason for Performing Phase I ESA

FDC Nor-Cal requested the Phase I ESA as part of their environmental due diligence prior to acquiring the site. The intent of the Phase I ESA was to assess the current conditions of the site.

3.8 Previous Documents

Mr. Ross-Swain indicated that he is not aware of any previous environmental reports or documents that may exist for the site.

4.0 RECORDS REVIEW

This section summarizes information we obtained from readily available agency records pertaining to the site and properties and facilities in the vicinity of the site.

4.1 Standard Environmental Record Sources

EDR searched federal, state, and local environmental databases for listings pertaining to the site and properties/facilities within one mile of the site. A copy of the *EDR Radius Map Report with Geocheck* dated March 26, 2025, is in Appendix C.

Database Name	Search Radius (Miles)	Number of Listings
STANDARD ENVIRONMENTAL RECORDS		
Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database (EnviroStor)	1.000	1
Leaking Underground Storage Tanks (LUST)	0.500	2
Sacramento County Toxic Site Clean-Up List (SACRAMENTO Co. CS)	0.500	2
Underground Storage Tank (UST)	0.250	3
ADDITIONAL ENVIRONMENTAL RECORDS		
California Environmental Reporting System [CERS] Hazardous Waste Generator Programs (CERS HAZ WASTE)	0.250	5
Statewide Environmental Evaluation and Planning System [SWEEPS] UST Database (SWEEPS UST)	0.250	1
Hazardous Substance Storage Container Database (HIST UST)	0.250	1
CERS for AST/UST regulatory program (CERS TANKS)	0.250	1
Resource Conservation and Recovery Act – Non-Generators/No Longer Regulated (RCRA NonGen/NLR)	0.250	16
EPA Developed UST Data Web Map Application (UST FINDER)	0.250	1
UST Finder Releases Database (UST FINDER RELEASE)	0.500	2
Hazardous Waste Electronic Manifest System (E MANIFEST)	0.250	6
"Cortese" Hazardous Waste & Substances Sites List (CORTESE)	0.500	2
Hazardous Waste & Substance Site List (HIST CORTESE)	0.500	2
Sacramento County Master Hazardous Materials Facility List (SACRAMENTO Co. ML)	0.250	15

4.1.1 Site

The site is not listed on any databases searched by EDR.

4.1.2 Offsite Properties

The following twelve offsite properties within 1/4 mile of the site are listed on various release- and non-release-related databases[1] and/or for underground storage tank (UST) facilities.

Facility or Property Name	Address	Approximate Distance from the Site	Databases	Pertinent Information/Potential to Cause an REC at the Site
LAPP Automotive/ Performance Muffler & Brake/ Ron's Auto Service/ Galt Rock & U-Tow Concrete	1130 Lincoln Way	549 feet west-northwest (downgradient)	RCRA LISTINGS, E MANIFEST, SACRAMENTO CO. ML, CERS, CERS HAZ WASTE	No pertinent information regarding releases that would have caused an REC at the site is provided on the RCRA LISTINGS, E MANIFEST, SACRAMENTO CO. ML, CERS, and CERS HAZ WASTE databases.
Galt Rock Sales Yard/Galt Rock and Asphalt Products	10395 Live Oak Ave	682 feet west-northwest (downgradient)	CERS HAZ WASTE, HWTS, SACRAMENTO CO. ML, NPDES, CERS, RCRA NONGEN/NLR	No pertinent information regarding releases that would have caused an REC at the site is provided on the CERS HAZ WASTE, HWTS, SACRAMENTO CO. ML, NPDES, CERS, or RCRA NONGEN/NLR databases.
D2 Trailer Sales & Service	10393 Live Oak Ave	739 feet west-northwest (downgradient)	HWTS, HAZNET, SACRAMENTO CO. ML	No pertinent information regarding releases that would have caused an REC at the site is provided on the HWTS, HAZNET, or SACRAMENTO CO. ML databases.
More for Less #24/ More for Less #183/ Food & Liquor #183/ DMC Green	702 N Lincoln Way	960 feet south-southwest (cross- to downgradient)	RCRA NONGEN/NLR, E MANIFEST, UST FINDER, UST, SACRAMENTO CO. CS, CERS HAZ WASTE, SWEEPS UST, HIST UST, CERS TANKS, CERS	The UST FINDER, and UST databases indicate that one 6,000-gallon double-walled "other petroleum", one 10,000-gallon double-walled "E85" or "12", and one 6,000-gallon double-walled regular unleaded UST were installed in April 2009, and one 12,000-gallon single-walled diesel, one 12,000-gallon double-walled premium unleaded, and two 12,000-gallon single-walled regular unleaded USTs were installed at the facility in July 1981. No records of releases from these USTs are listed on these databases.

[1]. "Release-related database" refers to those which provide information regarding an unauthorized release. "Non-release-related database" refers to those that may report use, storage, or disposal of hazardous substances and/or petroleum products or other environmental conditions, but do not report releases of such.

Facility or Property Name	Address	Approximate Distance from the Site	Databases	Pertinent Information/Potential to Cause an REC at the Site
				The SWEEPS UST database indicates that one 12,000-gallon diesel, one 12,000-gallon leaded fuel, and two 12,000-gallon regular unleaded USTs were active at the facility in October 1988. No records of releases from these USTs are listed on these databases. The HIST UST database indicates that one 12,000-gallon waste, one 12,000-galon unleaded fuel, one 12,000-gallon premium fuel, and one 12,000-gallon diesel UST were installed at the facility in 1981. No records of releases from these USTs are listed on these databases. The SACRAMENTO CO. CS database indicates that a case in which automotive (motor gasoline and additives) affected the drinking water aquifer occurred in October 1994, and that no remedial action was taken. Given the facility's distance and cross- to downgradient location from the site, it is unlikely for this release to have cause an REC at the site. No additional pertinent information regarding releases that would have caused an REC at the site is provided on the CERS HAZ WASTE, CERS TANKS, or SACRAMENTO CO. ML databases.
Golden State Automotive Group LLC/Delta Fleet Service/ Verizon Wireless Galt Industrial/ Vhperformance /New Cingular Wireless PCS LLC/ Headstrong Performance LLC	10391 Live Oak Ave	962 feet west-northwest (downgradient)	RCRA NONGEN/NLR, HWTS, SCARAMENTO CO. ML, CERS, E MANIFEST, CERS HAZ WASTE, HAZNET	No pertinent information regarding releases that would have caused an REC at the site is provided on the RCRA NONGEN/NLR, HWTS, SCARAMENTO CO. ML, CERS, E MANIFEST, CERS HAZ WASTE, or HAZNET databases.

Facility or Property Name	Address	Approximate Distance from the Site	Databases	Pertinent Information/Potential to Cause an REC at the Site
Consolidated Fabricators Corp/ SCAFCO Corporation/ Guardian Metals LLC	650 Live Oak Ave	1089 feet west (downgradient)	RCRA NONGEN/NLR, HWTS, SACRAMENTO CO. ML, E MANIFEST	No pertinent information regarding releases that would have caused an REC at the site is provided on the RCRA NONGEN/NLR, HWTS, SACRAMENTO CO. ML, or E MANIFEST databases.
Roof Rangers	10385 Live Oak Ave	1096 west-northwest (downgradient)	SACRAMENTO CO. ML	No pertinent information regarding releases that would have caused an REC at the site is provided on the SACRAMENTO CO. ML database.
TL Partners XI LP	1106 Ayers Lane	1103 southeast (cross- to upgradient)	RCRA NONGEN/NLR, E MANIFEST	No pertinent information regarding releases that would have caused an REC at the site is provided on the RCRA NONGEN/NLR or E MANIFEST databases.
D2 Trailer Sales and Service Inc/	13246 W Stockton Blvd	1117 feet northwest (downgradient)	CERS HAZ WASTE, SACRAMENTO CO. ML, CERS, RCRA NONGEN/NLR, E MANIFEST	No pertinent information regarding releases that would have caused an REC at the site is provided on the CERS HAZ WASTE, SACRAMENTO CO. ML, CERS, RCRA NONGEN/NLR, or E MANIFEST databases.
Astral Electric Company	790 Los Flores Ct	1123 feet north (crossgradient)	RCRA NONGEN/NLR	No pertinent information regarding releases that would have caused an REC at the site is provided on the RCRA NONGEN/NLR database.
Galt Recyclers	13208 W Stockton Blvd	1171 feet northwest (downgradient)	HWTS, SACRAMENTO CO. ML	No pertinent information regarding releases that would have caused an REC at the site is provided on the HWTS or SACRAMENTO CO. ML databases.
Rausser Bros Trucking Inc	10359 Live Oak Ave	1312 feet west-northwest (downgradient)	RCRA NONGEN/NLR	No pertinent information regarding releases that would have caused an REC at the site is provided on the RCRA NONGEN/NLR database.

We found no information on these databases that indicate that these properties or facilities would have or potentially would have caused an REC at the site.

4.2 Orphan Summary

EDR's Orphan Summary identifies properties and facilities that have incomplete address information and, therefore, could not be accurately plotted by EDR. There are no properties or facilities listed on the Orphan Summary.

4.3 Other Environmental Record Sources

4.3.1 GeoTracker and EnviroStor

We reviewed information available on GeoTracker and the DTSC's EnviroStor (http://www.envirostor.dtsc.ca.gov/public/) online environmental data management systems for information regarding documented environmental assessment and cleanup at the site and/or properties/facilities within ¼ mile of the site. No information pertaining to the site or properties/facilities within ¼ mile of the site is available on GeoTracker or EnviroStor.

4.3.2 Sacramento County Environmental Management Department

We submitted a request to the Sacramento County Environmental Management Department (SCEMD) for records pertaining to the use, storage, disposal, or any releases of or violations related to hazardous substances and/or petroleum products at the site as well as records pertaining to permitted pesticide use at the site. The SCEMD indicated that there were no pertinent documents available for the site.

4.3.3 Sacramento County Agriculture Commissioner and Weights and Measures Department

We submitted a request to the Sacramento County Agriculture Commissioner and Weights and Measures Department (SCACWMD) for pesticide use records pertaining to permitted pesticide use at the site. SCACWMD staff provided permit records for the site issued to the Sacramento-Yolo Mosquito and Vector Control District for various products from January 2023 to February 2025.

4.3.4 California Geologic Energy Management Division

The California Geologic Energy Management Division's (CalGEM) Well Finder, an online petroleum (oil and natural gas) field and well mapping system, indicates that there are no wells within ¼ mile of the site (CalGEM, 2025). The nearest well is approximately 11,650 feet south-southwest of the site.

4.3.5 National Pipeline Mapping System

The National Pipeline Mapping System online pipeline mapping system shows no hazardous liquid pipeline or gas transmission pipelines within 1 mile of the site (USDOT, 2025).

5.0 HISTORICAL USE

We evaluated the historical use of the site and adjacent properties through review of historical aerial photographs, topographic maps, and city directories provided by EDR. This section summarizes information obtained from these sources.

5.1 Aerial Photographs

We reviewed historical aerial photographs for the years 1937, 1940, 1957, 1964, 1972, 1975, 1984, 1993, 2006, 2009, 2012, 2016, and 2020 (Appendix D) and 2021 and 2023 (available on Google Earth) for indications of past land uses that had the potential to have caused an REC at the site through the use, storage, or disposal of hazardous substances and/or petroleum products. The following table summarizes our observations of the site and adjoining and adjacent properties on the historical aerial photographs.

Year	Observations	
	Site	Adjoining and Adjacent Properties
1937 (1" = 500')	The site appears to have been dry farmed.	Adjoining properties appear to have been used as dry farmed land, pastureland, and row crops. Stockton Boulevard and State Route 99 were present to the west of the site. A dry creek appears to have been present to the northeast and east of the site. Residences were present to the north, south, and west of the site.
1940 (1" = 500')	Conditions were similar to those observed in 1937 photograph.	Conditions were similar to those observed on the 1937 photograph.
1957 (1" = 500')	The residence in the northwest portion of the site appears to have been under construction. Conditions in the eastern portion of the site were similar to those observed in the 1940 photograph.	Conditions were similar to those observed on the 1940 photograph except additional residences and structures (established and under construction) were present to the north, south, and west of the site. Water appears to have been present in the creek to the northwest and west of the site.
1964 (1" = 500')	A residence and shed were present in the northwestern portion of the site. The remainder of the site appears to have been dry farmed.	Conditions were similar to those observed on the 1957 photograph except a residential development was present beyond State Route 99 to the southwest of the site.
1972 (1 = 500')	Conditions were similar to those observed on the 1964 photograph except vehicles appear to have been present to the southeast of the residence.	Conditions were similar to those observed on the 1964 photograph.
1975 (1" = 500')	Conditions were similar to those observed on the 1972 photograph except what appears to be an additional shed was present to the southeast of the residence.	Conditions were similar to those observed on the 1972 photograph.

Year	Observations	
	Site	Adjoining and Adjacent Properties
1984 (1" = 500')	Conditions were similar to those observed on the 1975 photograph except the eastern portion of the site appears to no longer have been dry farmed.	Conditions were similar to those observed on the 1975 photograph except the creek to the northeast and east of the site appears to have been channelized.
1993 (1" = 500')	Conditions were similar to those observed on the 1984 photograph except the site appears to no longer have been dry farmed and there appears to no longer have been a shed to the southeast of the residence.	Residential developments were present to the north, northeast, east, and south of the site, and Canyon Creek Park was present east of the site.
2006 (1" = 500')	Conditions were similar to those observed on the 1993 photograph. Several shrubs were present in the eastern portion of the site.	Conditions were similar to those observed on the 1993 photograph except additional residences were present in the residential development to the north of the site and additional structures were present beyond State Route 99 to the northwest of the site.
2009 and 2012 (1" = 500')	Conditions were similar to those observed on the 2006 photograph.	Conditions were similar to those observed on the 2006 photograph.
2016 (1" = 500')	Conditions were similar to those observed on the 2012 photograph except vehicles appear to have been present to the southwest of the residence.	Conditions were similar to those observed on the 2012 photograph except the adjoining property to the north appears to have been under construction as a residential development.
2020 (1" = 500')	Conditions were similar to those observed on the 2016 photograph except the shed to the southwest of the residence appears to have been dilapidated and additional vehicles (potentially pop-up camping trailers and/or boats) appear to have been parked to the northeast of the residence.	Conditions appear to be similar to those in the 2016 photograph except an additional residential development was present on the adjoining property to the north of the site.
2021 (Google Earth)	Conditions were similar to those observed on the 2020 photograph except boats were parked to the southwest and northeast of the residence.	Conditions appear to be similar to those in the 2020 photograph except staging for construction of a residential development appears to have begun to the southeast of the site.
2023 (Google Earth)	Conditions were similar to those observed on the 2021 imagery.	Conditions appear to be similar to those in the 2021 imagery except an additional residential development was present to the southeast of the site.
2024 (Google Earth)	Conditions were similar to those observed on the 2023 imagery except the boat was not longer present to the southwest of the residence and dilapidated vehicles and or structures appear to have been present to the east of the residence.	Conditions appear to be similar to those in the 2023 imagery.

The site appears to have been vacant grassland and/or dry farmed since as early as 1937 and structures appear to have been present at the site since as early as sometime between 1957 and 1964. Given the age of the site structures they may contain asbestos-containing material (ACM) and deteriorated lead-containing paint (LCP), and pesticides may have been applied around them.

The aerial photographs and satellite imagery do not show other features or land uses that directly suggest the presence of conditions or features on the site or on adjoining and adjacent properties likely to have caused an REC at the site.

5.2 Topographic Maps

We reviewed historical topographic maps for the years 1894, 1910, 1947, 1953, 1968, 1975, 1980, 2012, 2015, 2018, and 2021 (Appendix E). The following table summarizes our observations of the site and adjoining and adjacent properties on the historical topographic maps.

Year	Observations	
	Site	Adjoining and Adjacent Properties
1894 (1: 125,000)	No structures or land uses depicted on the site.	State Route 99 is depicted west of the site and a creek channel is depicted north of the site. No structures or land uses are depicted on the adjoining and adjacent properties.
1910 (1: 24,000)	Conditions are similar to those depicted on the 1894 map.	Conditions are similar to those depicted on the 1894 map except railroad tracks are depicted extending southwest-northeast to the south of the site and approximately north-south to the west of the site.
1947 (1:24,000)	Conditions are similar to those depicted on the 1910 map.	Conditions are similar to those depicted on the 1910 map except structures are depicted to the north, south, and west of the site. Unimproved roads are also depicted extending east-west to the north and south of the site.
1953 (1: 24,000)	Conditions are similar to those depicted on the 1947 map except a structure is depicted on the site.	Conditions are similar to those depicted on the 1947 map except creek is depicted to the northeast of the site and additional structures are depicted to the north, south, and west of the site.
1968 (1: 24,000)	Conditions are similar to those depicted on the 1953 map.	Conditions are similar to those depicted on the 1953 map except Stockton Boulevard is depicted west of the site, State Route 99 is now depicted as a wider highway, and additional roads are depicted to the north and south of the site.

Year	Observations	
	Site	Adjoining and Adjacent Properties
1975 (1: 24,000)	Conditions are similar to those depicted on the 1968 map except an additional structure is depicted at the site.	Conditions are similar to those depicted on the 1968 map.
1980 (1: 24,000)	Conditions are similar to those depicted on the 1975 map except only one structure is depicted on the site.	Conditions are similar to those depicted on the 1975 map except additional structures are depicted north, south, and west of the site and additional roads are depicted southwest of the site.
2012 (1:24,000)	Structures are no longer depicted.	Structures are no longer depicted. Additional roads are depicted to the north, east, and south of the site. The creek to the northeast of the site is depicted as being more channelized.
2015 (1:24,000)	Conditions depicted are similar to those on the 2012 map.	Conditions depicted are similar to those on the 2012 map except a school is depicted to the northeast of the site.
2018 and 2021 (1:24,000)	Conditions depicted are similar to those on the 2015 map.	Conditions depicted are similar to those on the 2015 map.

The topographic maps do not depict any other features or land uses on the site or adjoining or adjacent properties that suggest the potential to have caused an REC at the site.

5.3 City Directories

EDR prepared an abstract of city directories including city, cross-reference, and telephone directory listings (Appendix F) and included information at approximate 5-year intervals, if available, from 1963 to 2020.

5.3.1 Site

The site address is listed in the city directories as Ginger Peters in 2010 and 2017 and Bruce Gardner in 2014. None of these listings suggest the potential to have caused an REC at the site.

5.3.2 Adjoining and Adjacent Properties

Adjoining and adjacent property addresses within ¼ mile of the site listed in the city directories consist primarily of various individual homeowners or tenants. None of these listings suggest the potential to have caused an REC at the site.

6.0 SITE RECONNAISSANCE

This section summarizes our observations of the site and surrounding properties during the site reconnaissance.

6.1 Methodology and Limiting Conditions

Kathlyn Ortega, Staff Geologist with Geocon, performed the site reconnaissance on March 31, 2025, by walking throughout the site to observe site features and conditions. Ms. Ortega performed the offsite survey by observing adjoining and adjacent properties from the site and public roads. Weather on the day of the site reconnaissance was partly cloudy with temperatures in the mid-60s°F. Photographs of various site features and offsite properties are appended.

6.2 Site Setting

The site is situated east of State Route 99 in an area of predominantly residential land in Galt, California (Figure 2).

6.3 Onsite Survey

The site consists primarily of vacant grassland with sporadic mature shrubs in the eastern portion and a residence in the northwest portion (Photos 1 through 3).

We observed a concrete pad with de minimis staining approximately 30 feet southwest of the residence (Photo 4) and a dilapidated supply well approximately 60 feet south-southwest of the residence (Photo 5). Mr. Ross-Swain indicated via email at a later date that he was not aware of the dilapidated well and that FDC Nor-Cal plans to abandon it.

We also observed a pile of wood, metal, barbed wire, a tire, and other miscellaneous materials approximately 50 feet south-southeast of the residence (Photo 6) and what appeared to be dilapidated remains of a pop-up camping trailer, boat, wooden shed, and other miscellaneous materials on the northeast side of the residence (Photo 7). We observed a rusted approximate 10-gallon propane tank, tire, plastic tarping, wood and metals scraps, and other miscellaneous materials (Photo 8) and a water filter pump (Photo 9) approximately 15 feet northeast of the residence. We also observed various retail-size (five-gallon or less) containers of chlorinating tablets, rusted paint cans, and other unidentifiable product containers with worn labels partially filled with product or water, as well as concrete cinder blocks and other miscellaneous materials near rolling waste bins approximately 15 feet west of the residence (Photo 10).

We observed a sign posted by the City of Galt that indicated "DANGER DO NOT ENTER UNSAFE TO OCCUPY" on the front door of the residence (Photo 11) and we were unable to enter. We received information from Mr. Sheffield, the site owner, that the residence had been a rental property for the past 47 years and had been vacant for the past 2 years. We consider the lack of ability to enter the residence a data gap.

Utility poles extend east-west along the northwestern boundary of the site and connect to the residence (Photos 4 and 12).

We observed no evidence of RECs or features or conditions likely to cause an REC at the site.

6.4 Offsite Survey

Adjoining and adjacent properties consist of the following:

- North – residential development and a creek (Photo 13);
- East – A creek, beyond which is vacant land and residential development (Photo 14);
- South – residential subdivision (Photo 15); and
- West – Stockton Boulevard, beyond which is State Route 99, and residential development (Photos 12 and 16).

We observed no conditions or uses on adjoining and adjacent properties likely to cause or have caused an REC at the site.

6.5 Features, Activities, Uses, and Conditions Not Observed To Be Present

ASTM Designation E1527-21 states "During the site visit, the environmental professional (or the person under the supervision or responsible charge of the environmental professional) shall look for and identify the features, activities, uses, and conditions specified in 9.4.1 through 9.4.28. Any of the specified features, activities, uses, and conditions identified in, on, or at the subject property shall be described in the report. If any of the specified features, activities, uses, or conditions are not found to be present in, on, or at the subject property, the environmental professional shall document as such in the report." The features, activities, uses and conditions that were present during our site reconnaissance are described in Sections 6.2 through 6.4. The following are features, activities, uses and conditions that were not observed to be present during the site reconnaissance:

- Past uses of adjoining properties;
- Geologic, hydrogeologic, hydrologic, and topographic conditions that would contribute to an REC for the site from an adjoining property;
- Sewage disposal system;
- Strong, pungent, or noxious odors;
- Standing surface water and pools or sumps containing liquids likely to be hazardous substances or petroleum products;
- Drums and totes;
- Hazardous substance and petroleum product containers not in connection with identified uses;
- PCB-containing items;
- Heating/cooling;
- Corrosion on floors, walls, or ceilings;
- Sumps;
- Pits, ponds, or lagoons;
- Stained soil;
- Stressed vegetation; and
- Septic systems or cesspools.

7.0 INTERVIEWS

Mr. Ross-Swain with FDC Nor-Cal provided Mr. Richard Sheffield, the site owner, with the site owner/occupant questionnaire on our behalf regarding the past and present use of the site and the potential for impacts related to the use, storage, or disposal of hazardous substances and/or petroleum products on the site. A copy of Mr. Sheffield's responses to the site owner/occupant questionnaire is in Appendix G.

Mr. Sheffield indicated that the residence at the site was built in approximately 1950 and he has owned the residence for 43 years. He also indicated that the residence has been used as a rental for the past 47 years and that the residence and land have been vacant for the past approximately 2 years. Mr. Sheffield indicated that he has no knowledge of any previous environmental documents for the site.

8.0 FINDINGS AND CONCLUSIONS

We have performed a Phase I ESA, in general conformance with the scope and limitations of ASTM *Designation E 1527-21* of the property and improvements at 13315 East Stockton Boulevard (the site) in Galt, California. Exceptions to, or deletions from, this practice are described in Section 1.4 (limitations) and Section 1.5 (data gaps). The Phase I ESA has revealed no evidence of RECs, CRECs, or significant data gaps in connection with the site.

Well records for the dilapidated supply well in the northwest portion of the site were unavailable. Mr. Sheffield did not indicate knowledge of a well at the site. Mr. Ross-Swain also indicated that he was not aware of a well at the site, but that FDC Nor-Cal plans to abandon it. We recommend that the well be properly abandoned in accordance with SCEMD requirements.

Any undocumented or abandoned USTs, septic systems, water wells, or other subsurface structures encountered during site development operations should be properly removed or abandoned in place in accordance with applicable regulatory agency reporting/permitting requirements.

We recommend that the piles of wood, metal, barbed wire, tires, dilapidated remains of vehicles and structures, and other miscellaneous materials, and the various retail-size containers of chlorinating tablets, rusted paint cans, unidentifiable product containers with worn labels partially filled with product or water, and other miscellaneous materials near the residence should be properly disposed of and/or recycled as appropriate.

8.1 Potential Environmental Concerns

Given the age of the onsite residence, the structure may contain ACM and deteriorated LCP, and pesticides may have been applied around the perimeter. An ACM and LCP survey of the residence prior to demolition, as well as sampling and analysis of perimeter soil, would be necessary to confirm or refute these potential impacts.

9.0 REFERENCES

ASTM International, *Designation E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, 2021.

California Department of Toxic Substances Control, EnviroStor website, http://www.envirostor.dtsc.ca.gov/public/, accessed April 2025.

California Geological Survey, Preliminary Geologic Map of the Lodi 30' x 60' Quadrangle, California; Dawson, T.E.; California Geological Survey Preliminary Geologic Map PGM-09-04; map scale 1:100,000; 2009.

California Geologic Energy Management Division, Oil and gas well information in the site vicinity, https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx, accessed April 2025.

California Geological Survey, *Note 36, California Geomorphic Provinces*, 2002.

California State Water Resources Control Board, GeoTracker website, http://geotracker.swrcb.ca.gov/, accessed April 2025.

Harden, D.R, California Geology: 2nd edition, 2003.

United States Department of Agriculture, Natural Resources Conservation Service, http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx, accessed April 2025.

United States Department of Transportation. National Pipeline Mapping System, https://www.npms.phmsa.dot.gov/default.aspx, accessed April 2025.

United States Geological Survey, *Galt, California, 7.5-minute Topographic Quadrangle Map*, Scale 1:24,000, 2021.

10.0 QUALIFICATIONS

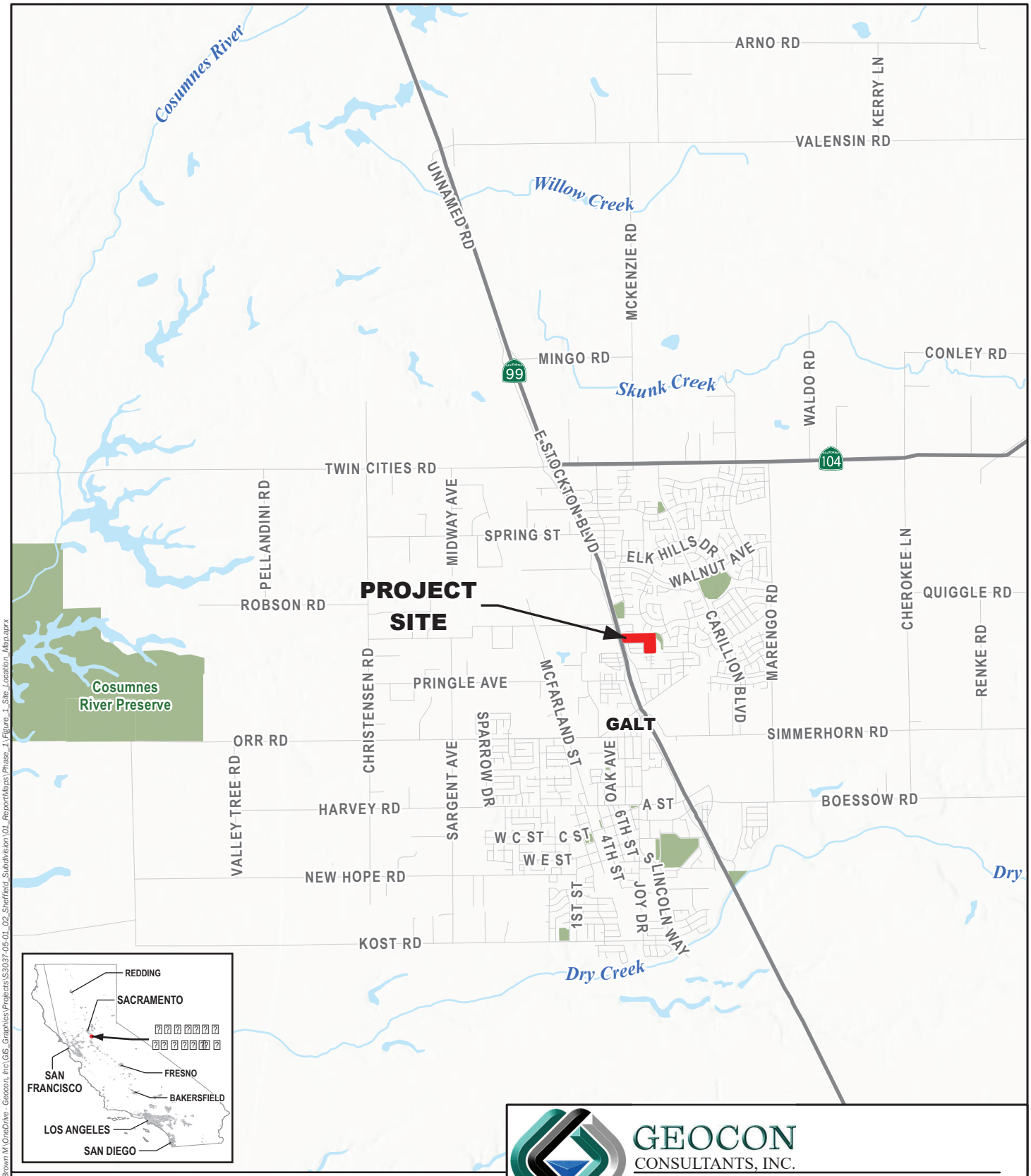
This Phase I ESA report was prepared by Kathlyn Ortega, GIT and reviewed by John Juhrend, PE, CEG. Ms. Ortega has a Master's degree in Geology. She has worked on a variety of Phase I and Phase II ESA projects for commercial, agricultural, and residential properties in central and northern California and has experience with subsurface drilling methods, soil and groundwater sampling, and groundwater monitoring well installations, development, and sampling.

Mr. Juhrend has over 40 years of experience in the environmental and geotechnical consulting industry in California and Nevada. Mr. Juhrend is a California Professional Engineer and Certified Engineering Geologist, with a BS degree in engineering geology and MS degree in civil engineering. His personal experience includes the performance of hundreds of environmental projects including Phase I and Phase II site assessments, remedial investigations and feasibility studies, corrective action programs and litigation support. His primary expertise includes environmental assessments of Brownfields properties, industrial, commercial and residential properties, and transportation corridors.

I declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in §312.10 of 40 CFR 312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



John Juhrend, PE, CEG
Senior Engineer



GEOCON 4/8/2025 USER:Brown M PATH:C:\Users\Brown M\OneDrive - Geocon, Inc\GIS_Graphics\Projects\S3037-05-01_02_Sheffield_Subdivision\01_ReportMaps\Phase_1\Figure_1_Site_Location_Map.aprx

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR - SUITE 800 - RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 - FAX 916.852.9132

Sheffield Subdivision
East Stockton Boulevard
Galt, California

SITE LOCATION MAP

S3037-05-01	April 2025	Figure 1



Legend

- 16 — Site Photograph Location and Orientation
- 150-0012-026-0000 — Assessor's Parcel Number
- Parcel Boundary
- Approximate Site Boundary

N

0 100

Scale in Feet

GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DR - SUITE 800 - RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 - FAX 916.852.9132

Sheffield Subdivision
East Stockton Boulevard
Galt, California

SITE PLAN

S3037-05-02	April 2025	Figure 2

GEOCON 4/8/2025 USER:Brown,M PATH:C:\Users\Brown.M\OneDrive - Geocon, Inc\GIS_Graphics Projects\S3037-05-01_02_Sheffield_Subdivision\GIS_Report\Maps\Phase_1\Figure_2_Site_Plan.aprx



Photo No. 1 View east across the northern portion of the site and of the residence in the northwestern portion of the site.



Photo No. 2 View west across the northern portion of the site.

PHOTOS NO. 1 & 2

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR – SUITE 800 – RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 – FAX 916.852.9132

Sheffield Subdivision Phase I ESA	
East Stockton Boulevard, Galt, California	
GEOCON Project No. S3037-05-01	April 2025



Photo No. 3 View south across the eastern portion of the site.



Photo No. 4 Concrete pad with de minimis staining, boarded windows on the residence, and electric utility lines connecting to the residence.

PHOTOS NO. 3 & 4

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR – SUITE 800 – RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 – FAX 916.852.9132



Photo No. 5 Dilapidated well and associated control box southwest of the residence.

.



Photo No. 6 Pile of wood, metal, barbed wire, a tire, and other miscellaneous materials south-southeast of the residence.

PHOTOS NO. 5 & 6

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR – SUITE 800 – RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 – FAX 916.852.9132



Photo No. 7 Dilapidated remains of a pop-up camping trailer, boat, wooden shed, and other miscellaneous materials on the northeast side of the residence.



Photo No. 8 Rusted approximate 10-gallon propane tank, tire, wood and metals scraps, and other miscellaneous materials northeast of the residence.

PHOTOS NO. 7 & 8

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR – SUITE 800 – RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 – FAX 916.852.9132



Photo No. 9 Water filter pump northeast of the residence.



Photo No. 10 Containers of chlorinating tablets, paint cans, concrete cinder blocks, and other miscellaneous materials west of the residence.

PHOTOS NO. 9 & 10

GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DR – SUITE 800 – RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 – FAX 916.852.9132

Sheffield Subdivision Phase I ESA

East Stockton Boulevard,
Galt, California

GEOCON Project No. S3037-05-01 | April 2025



Photo No. 11 "DANGER DO NOT ENTER UNSAFE TO OCCUPY" sign posted on the front door of the residence by the City of Galt.



Photo No. 12 View southwest of utility poles along the northern site boundary and East Stockton Boulevard to the west of the site.

PHOTOS NO. 11 & 12

GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DR – SUITE 800 – RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 – FAX 916.852.9132

Sheffield Subdivision Phase I ESA

East Stockton Boulevard,
Galt, California

GEOCON Project No. S3037-05-01 | April 2025



Photo No. 13 View north across the northeastern portion of the site and of the northern adjoining property.



Photo No. 14 View east of the eastern adjoining property.

PHOTOS NO. 13 & 14

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR – SUITE 800 – RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 – FAX 916.852.9132



Photo No. 15 View south of the southern adjoining and adjacent properties.



Photo No. 16 View west of the western adjoining properties.

PHOTOS NO. 15 & 16

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR – SUITE 800 – RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 – FAX 916.852.9132

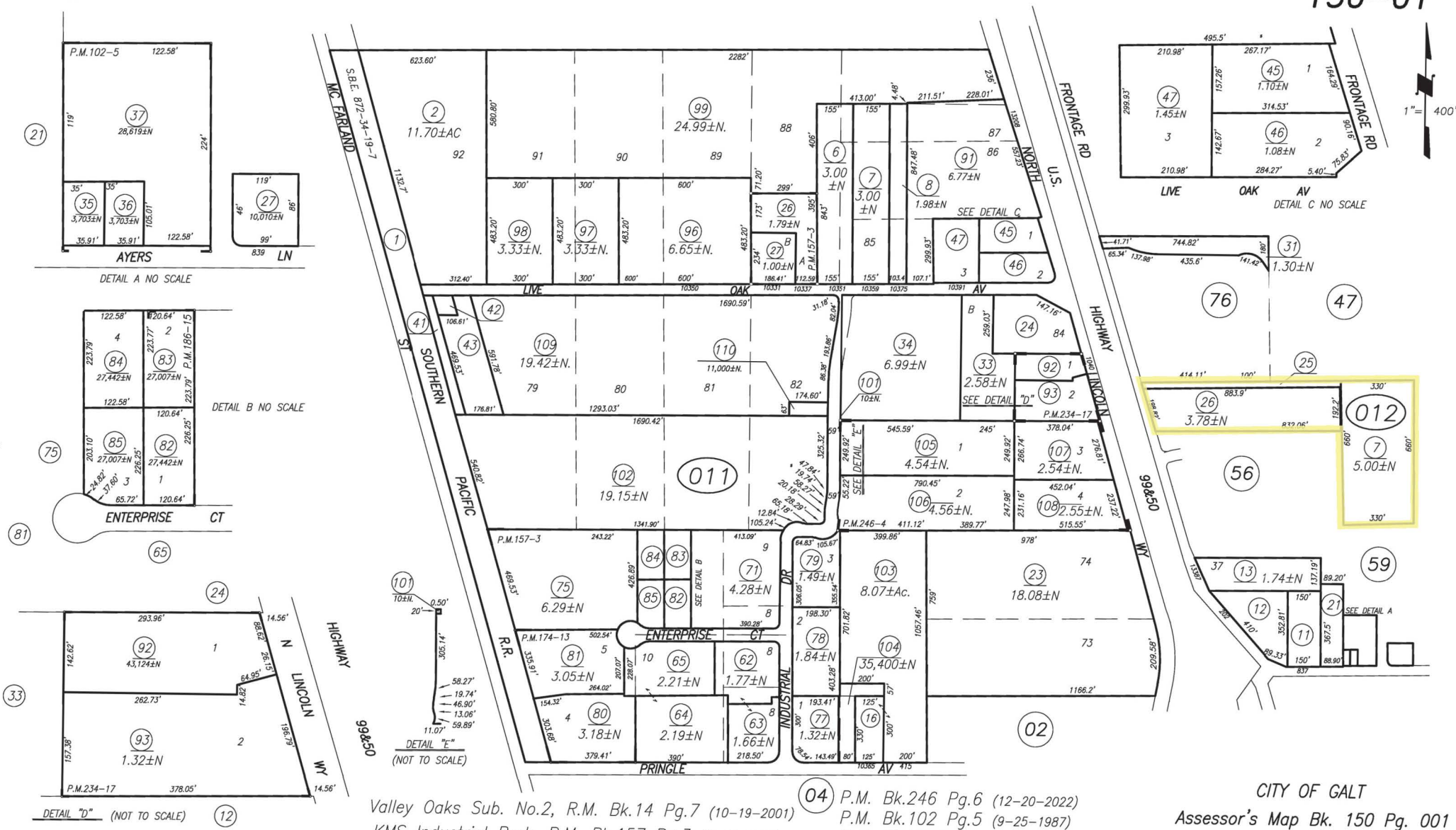
Sheffield Subdivision Phase I ESA	
East Stockton Boulevard, Galt, California	
GEOCON Project No. S3037-05-01	April 2025

APPENDIX A

DISCLAIMER: ASSESSORS PARCELS ARE FOR TAX ASSESSMENT PURPOSES ONLY AND DO NOT INDICATE EITHER PARCEL LEGALITY OR A VALID BUILDING SITE. THE COUNTY OF SACRAMENTO ASSUMES NO RESPONSIBILITY ARISING FROM USE OF THIS INFORMATION.

POR. SEC's. 15,22&23, T.5N., R.6E., M.D.B.& M.

150-01



Valley Oaks Sub. No.2, R.M. Bk.14 Pg.7 (10-19-2001)
KMS Industrial Park, P.M. Bk.157 Pg.3 (3-17-2000)
P.M. Bk.156 Pg.20 (1-9-2000)
P.M. Bk.186 Pg.15 (11-17-2005)

04 P.M. Bk.246 Pg.6 (12-20-2022)
P.M. Bk.102 Pg.5 (9-25-1987)
P.M. Bk.59 Pg.12 (7-22-1980)
P.M. Bk.89 Pg.8 (9-23-1985)
O.S. Bk.58 Pg.12 (6-5-1980)

CITY OF GALT
Assessor's Map Bk. 150 Pg. 001
County of Sacramento, Calif.
May 4Th, 2022

APPENDIX B

User Questionnaire

Property Name: Sheffield
Address(es): 13315 E. Stockton Blvd.
APN(s):

1. What is the purpose of the Phase I Environmental Site Assessment (i.e., purchase/lender requirement, conservation easement, environmental impact report requirement, etc.)?

   CEQA

2. What is the planned use of the property?

   Residential

3. Who is the property owner(s)? Who is the tenant(s), if applicable?

   Sheffield Trust. No Tenants

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

   Vacant

5. Do you have any specialized knowledge related to the current and/or past uses of the property or nearby properties? Could any of those uses potentially impair, or could have impaired, the environmental conditions of the property?

   No

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

   No

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

   No

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

   No

9. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

   No

10. Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place for the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

    No

11. Does the purchase price reasonably reflect the fair market value of the property?

Yes

12. Are you aware of any environmental conditions on the property that could lead to a potential valuation reduction for it?

NO

13. Do you know whether any helpful documents exist and, if so, whether copies can and will be provided for this assessment? These documents may include: Phase I or II Environmental Site Assessment reports, geotechnical investigation reports, title (or preliminary title) reports, appraisal, sales agreement, environmental compliance audit reports, environmental permits, registrations for underground or aboveground storage tanks, registrations for underground injection systems, or any other documents related to the property.

NO

This questionnaire was completed by:

Name: Aaron Ross
Title/Email: President
Company/Phone Number: FDC Nor-Cal Corp
Date: 4/14/25

Signature:

APPENDIX C

Sheffield Subdivision Phase I ESA
13315 East Stockton Boulevard
Galt, CA 95632

Inquiry Number: 7939303.2s
March 26, 2025

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	229
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-10
Physical Setting Source Map Findings	A-12
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.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA) INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2025 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

13315 EAST STOCKTON BOULEVARD
GALT, CA 95632

COORDINATES

Latitude (North):	38.2726440 - 38˚ 16' 21.51''
Longitude (West):	121.3006360 - 121˚ 18' 2.28''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	648654.4
UTM Y (Meters):	4237225.5
Elevation:	52 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50005934 GALT, CA
Version Date:	2021

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200630, 20200617
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
13315 EAST STOCKTON BOULEVARD
GALT, CA 95632

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LAPP AUTOMOTIVE	1130 LINCOLN WAY	RCRA NonGen / NLR, E MANIFEST	Lower	549, 0.104, WNW
A2	PERFORMANCE MUFFLER	1130 N LINCOLN WAY S	Sacramento Co. ML	Lower	549, 0.104, WNW
A3	RON'S AUTO SERVICE	1130 N LINCOLN WY #C	Sacramento Co. ML	Lower	549, 0.104, WNW
A4	GALT ROCK & U-TOW CO	1130 N LINCOLN WY #B	Sacramento Co. ML	Lower	549, 0.104, WNW
A5	GALT ROCK AND U-TOW	1130 N LINCOLN WY #B	Sacramento Co. ML	Lower	549, 0.104, WNW
A6	LAPP AUTOMOTIVE	1130 N LINCOLN WAY S	CERS HAZ WASTE, Sacramento Co. ML, CERS	Lower	549, 0.104, WNW
A7	GALT ROCK SALES YARD	10395 LIVE OAK AVE	CERS HAZ WASTE, HWTS, Sacramento Co. ML, NPDES,...	Lower	682, 0.129, WNW
A8	GALT ROCK AND ASPHAL	10395 LIVE OAK AVE	RCRA NonGen / NLR	Lower	682, 0.129, WNW
A9	D2 TRAILER SALES & S	10393 LIVE OAK AVE	HWTS, HAZNET, Sacramento Co. ML	Lower	739, 0.140, WNW
B10	MORE FOR LESS	702 N LINCOLN WAY	RCRA NonGen / NLR, E MANIFEST	Lower	960, 0.182, SSW
B11	MORE FOR LESS #24	702 N LINCOLN WAY	UST FINDER	Lower	960, 0.182, SSW
B12	MORE FOR LESS #24	702 N LINCOLN WAY	UST	Lower	960, 0.182, SSW
B13	MORE FOR LESS #183	702 N LINCOLN WAY	UST	Lower	960, 0.182, SSW
B14	FOOD & LIQUOR #183	702 N LINCOLN WAY	Sacramento Co. CS, CERS HAZ WASTE, SWEEPS UST,...	Lower	960, 0.182, SSW
B15	MORE FOR LESS #24	702 N LINCOLN WAY	Sacramento Co. ML	Lower	960, 0.182, SSW
B16	DMC GREEN, MORE FOR	702 N. LINCOLN WAY	UST	Lower	960, 0.182, SSW
B17	DMC GREEN MORE FOR L	702 N LINCOLN WAY	Sacramento Co. ML	Lower	960, 0.182, SSW
C18	GOLDEN STATE AUTOMOT	10391 LIVE OAK AVE S	RCRA NonGen / NLR	Lower	962, 0.182, WNW
C19	DELTA FLEET SERVICE	10391 LIVE OAK AVE S	RCRA NonGen / NLR	Lower	962, 0.182, WNW
C20	VERIZON WIRELESS GAL	10391 LIVE OAK AVE	HWTS, Sacramento Co. ML, CERS	Lower	962, 0.182, WNW
C21	VHPERFORMANCE	10391 LIVE OAK AVE	RCRA NonGen / NLR	Lower	962, 0.182, WNW
C22	PERFORMANCE MUFFLER	10391 LIVE OAK AVE S	RCRA NonGen / NLR, E MANIFEST	Lower	962, 0.182, WNW
C23	NEW CINGULAR WIRELES	10391 LIVE OAK AVE	RCRA NonGen / NLR	Lower	962, 0.182, WNW
C24	HEADSTRONG PERFORMAN	10391 LIVE OAK AVE	RCRA NonGen / NLR	Lower	962, 0.182, WNW
C25	PERFORMANCE MUFFLER	10391 LIVE OAK AVE S	CERS HAZ WASTE, HWTS, HAZNET, Sacramento Co. ML,...	Lower	962, 0.182, WNW
D26	CONSOLIDATED FABRICA	650 LIVE OAK AVE	RCRA NonGen / NLR	Lower	1089, 0.206, West
D27	CONSOLIDATED FABRICA	650 LIVE OAK AVE	HWTS, Sacramento Co. ML	Lower	1089, 0.206, West
D28	SCAFCO CORPORATION	650 LIVE OAK AVE	RCRA NonGen / NLR, E MANIFEST	Lower	1089, 0.206, West
D29	GUARDIAN METALS LLC	650 LIVE OAK AVE	RCRA NonGen / NLR	Lower	1089, 0.206, West
C30	ROOF RANGERS	10385 LIVE OAK AVE	Sacramento Co. ML	Lower	1096, 0.208, WNW
31	TL PARTNERS XI LP	1106 AYERS LANE	RCRA NonGen / NLR, E MANIFEST	Higher	1103, 0.209, SE
E32	D2 TRAILER SALES AND	13246 W STOCKTON BLV	CERS HAZ WASTE, Sacramento Co. ML, CERS	Lower	1117, 0.212, NW
E33	D2 TRAILER SALES & S	13246 W STOCKTON BLV	RCRA NonGen / NLR, E MANIFEST	Lower	1117, 0.212, NW
34	ASTRAL ELECTRIC COMP	790 LOS FLORES CT	RCRA NonGen / NLR	Lower	1123, 0.213, North
E35	GALT RECYCLERS	13208 W STOCKTON BLV	HWTS, Sacramento Co. ML	Lower	1171, 0.222, NW
36	RAUSSER BROS TRUCKIN	10359 LIVE OAK AVE	RCRA NonGen / NLR	Lower	1312, 0.248, WNW
F37	CHEAPER #183	702 LINCOLN WAY N	UST FINDER RELEASE	Higher	1378, 0.261, SSW
F38	CHEAPER #183	702 LINCOLN	LUST, Cortese, HIST CORTESE, CERS	Lower	1387, 0.263, SSW
F39	GALT GAS & FOOD	800 PRINGLE AVE	Cortese, HWTS, HAZNET	Lower	1507, 0.285, SSW

MAPPED SITES SUMMARY

Target Property Address:
13315 EAST STOCKTON BOULEVARD
GALT, CA 95632

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
F40	GALT GAS & FOOD	800 PRINGLE AVE	UST FINDER RELEASE	Lower	1507, 0.285, SSW
F41	GALT GAS & FOOD	800 PRINGLE AVE	LUST, Sacramento Co. CS, HIST CORTESE, Sacramento...	Lower	1507, 0.285, SSW
42	LAKE CANYON ELEMENTA	1019 BEAVER PARK WAY	ENVIROSTOR, SCH, CERS HAZ WASTE, HWTS, HAZNET,...	Lower	4135, 0.783, North

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-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

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST Leaking Underground Storage Tanks on Indian Land
CPS-SLIC Statewide SLIC Cases

Lists of state and tribal registered storage tanks

FEMA UST Underground Storage Tank Listing
AST Aboveground Petroleum Storage Tank Facilities
INDIAN UST Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP Voluntary Cleanup Priority Listing
VCP Voluntary Cleanup Program Properties

Lists of state and tribal brownfield sites

BROWNFIELDS Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT Waste Management Unit Database
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
SCH ---- School Property Evaluation Program
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST ---- Facility Inventory Database

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information
DEED ---- Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites

EXECUTIVE SUMMARY

US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
MINES MRDS	Mineral Resources Data System
FINDS	Facility Index System/Facility Registry System
DOCKET HWC	Hazardous Waste Compliance Docket Listing
ECHO	Enforcement & Compliance History Information
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
PFAS NPL	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES	Federal Sites PFAS Information
PFAS TRIS	List of PFAS Added to the TRI
PFAS TSCA	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR	PFAS Contamination Site Location Listing
PFAS WQP	Ambient Environmental Sampling for PFAS
PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS NPDES	Clean Water Act Discharge Monitoring Information
PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing
BIOSOLIDS	ICIS-NPDES Biosolids Facility Data
PFAS	PFAS Investigation Site Location Listing
AQUEOUS FOAM	Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CHROME PLATING	Chrome Plating Facilities Listing
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	Inspection, Compliance and Enforcement
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
HWTS	Hazardous Waste Tracking System
HAZNET	Facility and Manifest Data
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
HAZMAT	Hazardous Material Facilities
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing
CIWQS	California Integrated Water Quality System
CERS	CERS
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)

OTHER OIL GAS OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Auto EDR Exclusive Historical Auto Stations
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List
RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/21/2024 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAKE CANYON ELEMENTA	***1019 BEAVER PARK WAY***	***N 1/2 - 1 (0.783 mi.)***	***42***	***205***
Facility Id: 34650002				
Status: No Further Action				

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEAPER #183	***702 LINCOLN***	***SSW 1/4 - 1/2 (0.263 mi.)***	***F38***	***190***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 02/24/2025				
Status: Completed - Case Closed				
Status: Remedial action (cleanup) Underway				
Global Id: T0606700900				
GALT GAS & FOOD	***800 PRINGLE AVE***	***SSW 1/4 - 1/2 (0.285 mi.)***	***F41***	***201***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 02/24/2025				
Status: Completed - Case Closed				
Status: Case Closed				
Global Id: T0606701092				

Sacramento Co. CS: List of sites where unauthorized releases of potentially hazardous materials have occurred.

A review of the Sacramento Co. CS list, as provided by EDR, and dated 11/07/2022 has revealed that there are 2 Sacramento Co. CS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FOOD & LIQUOR #183	***702 N LINCOLN WAY***	***SSW 1/8 - 1/4 (0.182 mi.)***	***B14***	***58***
Facility Id: RO0000713				
GALT GAS & FOOD	***800 PRINGLE AVE***	***SSW 1/4 - 1/2 (0.285 mi.)***	***F41***	***201***
Facility Id: RO0001325				

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 3 UST sites within

approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MORE FOR LESS #24 Database: UST, Date of Government Version: 11/26/2024 Facility Id: FA0004758	702 N LINCOLN WAY	SSW 1/8 - 1/4 (0.182 mi.)	B12	51
MORE FOR LESS #183 Database: UST, Date of Government Version: 11/26/2024 Facility Id: FA0004758	702 N LINCOLN WAY	SSW 1/8 - 1/4 (0.182 mi.)	B13	57
DMC GREEN, MORE FOR Database: UST, Date of Government Version: 11/26/2024 Facility Id: FA0043964	702 N. LINCOLN WAY	SSW 1/8 - 1/4 (0.182 mi.)	B16	122

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/15/2024 has revealed that there are 5 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAPP AUTOMOTIVE	***1130 N LINCOLN WAY S***	***WNW 0 - 1/8 (0.104 mi.)***	***A6***	***17***
GALT ROCK SALES YARD	***10395 LIVE OAK AVE***	***WNW 1/8 - 1/4 (0.129 mi.)***	***A7***	***22***
FOOD & LIQUOR #183	***702 N LINCOLN WAY***	***SSW 1/8 - 1/4 (0.182 mi.)***	***B14***	***58***
PERFORMANCE MUFFLER	***10391 LIVE OAK AVE S***	***WNW 1/8 - 1/4 (0.182 mi.)***	***C25***	***145***
D2 TRAILER SALES AND	***13246 W STOCKTON BLV***	***NW 1/8 - 1/4 (0.212 mi.)***	***E32***	***167***

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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FOOD & LIQUOR #183 Status: A Tank Status: A Comp Number: 139486	***702 N LINCOLN WAY***	***SSW 1/8 - 1/4 (0.182 mi.)***	***B14***	***58***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FOOD & LIQUOR #183 Facility Id: 00000069240	***702 N LINCOLN WAY***	***SSW 1/8 - 1/4 (0.182 mi.)***	***B14***	***58***

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 10/15/2024 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FOOD & LIQUOR #183	***702 N LINCOLN WAY***	***SSW 1/8 - 1/4 (0.182 mi.)***	***B14***	***58***

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 02/17/2025 has revealed that there are 16 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TL PARTNERS XI LP EPA ID:: CAC003075216	***1106 AYERS LANE***	***SE 1/8 - 1/4 (0.209 mi.)***	***31***	***163***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAPP AUTOMOTIVE EPA ID:: CAL000147520	***1130 LINCOLN WAY***	***WNW 0 - 1/8 (0.104 mi.)***	***A1***	***9***
GALT ROCK AND ASPHAL EPA ID:: CAL000476409	10395 LIVE OAK AVE	WNW 1/8 - 1/4 (0.129 mi.)	A8	31
MORE FOR LESS EPA ID:: CAL000283815	***702 N LINCOLN WAY***	***SSW 1/8 - 1/4 (0.182 mi.)***	***B10***	***42***
GOLDEN STATE AUTOMOT EPA ID:: CAL000473486	10391 LIVE OAK AVE S	WNW 1/8 - 1/4 (0.182 mi.)	C18	123
DELTA FLEET SERVICE EPA ID:: CAL000469151	10391 LIVE OAK AVE S	WNW 1/8 - 1/4 (0.182 mi.)	C19	125
VHPERFORMANCE EPA ID:: CAL000459627	10391 LIVE OAK AVE	WNW 1/8 - 1/4 (0.182 mi.)	C21	134
PERFORMANCE MUFFLER	***10391 LIVE OAK AVE S***	***WNW 1/8 - 1/4 (0.182 mi.)***	***C22***	***136***

EPA ID:: CAL000430673				
NEW CINGULAR WIRELES EPA ID:: CAL000477849	10391 LIVE OAK AVE	WNW 1/8 - 1/4 (0.182 mi.)	C23	141
HEADSTRONG PERFORMAN EPA ID:: CAL000487395	10391 LIVE OAK AVE	WNW 1/8 - 1/4 (0.182 mi.)	C24	143
CONSOLIDATED FABRICA EPA ID:: CAL000387743	650 LIVE OAK AVE	W 1/8 - 1/4 (0.206 mi.)	D26	152
SCAFCO CORPORATION EPA ID:: CAC003275513	***650 LIVE OAK AVE***	***W 1/8 - 1/4 (0.206 mi.)***	***D28***	***155***
GUARDIAN METALS LLC EPA ID:: CAL000490738	650 LIVE OAK AVE	W 1/8 - 1/4 (0.206 mi.)	D29	160
D2 TRAILER SALES & S EPA ID:: CAL000344221	***13246 W STOCKTON BLV***	***NW 1/8 - 1/4 (0.212 mi.)***	***E33***	***172***
ASTRAL ELECTRIC COMP EPA ID:: CAC003163173	790 LOS FLORES CT	N 1/8 - 1/4 (0.213 mi.)	34	183
RAUSSER BROS TRUCKIN EPA ID:: CAL000451910	10359 LIVE OAK AVE	WNW 1/8 - 1/4 (0.248 mi.)	36	187

UST FINDER: EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

A review of the UST FINDER list, as provided by EDR, and dated 06/08/2023 has revealed that there is 1 UST FINDER site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MORE FOR LESS #24	702 N LINCOLN WAY	SSW 1/8 - 1/4 (0.182 mi.)	B11	49

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 2 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEAPER #183	702 LINCOLN WAY N	SSW 1/4 - 1/2 (0.261 mi.)	F37	189
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
GALT GAS & FOOD	800 PRINGLE AVE	SSW 1/4 - 1/2 (0.285 mi.)	F40	200

E MANIFEST: EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

A review of the E MANIFEST list, as provided by EDR, and dated 02/17/2025 has revealed that there are 6 E MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TL PARTNERS XI LP	*1106 AYERS LANE*	*SE 1/8 - 1/4 (0.209 mi.)*	*31*	*163*

Lower Elevation	Address	Direction / Distance	Map ID	Page
LAPP AUTOMOTIVE	*1130 LINCOLN WAY*	*WNW 0 - 1/8 (0.104 mi.)*	*A1*	*9*
MORE FOR LESS	*702 N LINCOLN WAY*	*SSW 1/8 - 1/4 (0.182 mi.)*	*B10*	*42*
PERFORMANCE MUFFLER	*10391 LIVE OAK AVE S*	*WNW 1/8 - 1/4 (0.182 mi.)*	*C22*	*136*
SCAFCO CORPORATION	*650 LIVE OAK AVE*	*W 1/8 - 1/4 (0.206 mi.)*	*D28*	*155*
D2 TRAILER SALES & S	*13246 W STOCKTON BLV*	*NW 1/8 - 1/4 (0.212 mi.)*	*E33*	*172*

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 12/11/2024 has revealed that there are 2 Cortese sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEAPER #183	*702 LINCOLN*	*SSW 1/4 - 1/2 (0.263 mi.)*	*F38*	*190*
Cleanup Status: COMPLETED - CASE CLOSED				
GALT GAS & FOOD	*800 PRINGLE AVE*	*SSW 1/4 - 1/2 (0.285 mi.)*	*F39*	*197*
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 are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEAPER #183	*702 LINCOLN*	*SSW 1/4 - 1/2 (0.263 mi.)*	*F38*	*190*
Reg Id: 341074				
GALT GAS & FOOD	*800 PRINGLE AVE*	*SSW 1/4 - 1/2 (0.285 mi.)*	*F41*	*201*
Reg Id: 341268				

Sacramento Co. ML: Sacramento County Master List. Any business that has hazardous materials on site - hazardous materials storage sites, underground storage tanks, waste generators.

A review of the Sacramento Co. ML list, as provided by EDR, and dated 11/07/2022 has revealed that there are 15 Sacramento Co. ML sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PERFORMANCE MUFFLER	1130 N LINCOLN WAY S	WNW 0 - 1/8 (0.104 mi.)	A2	15

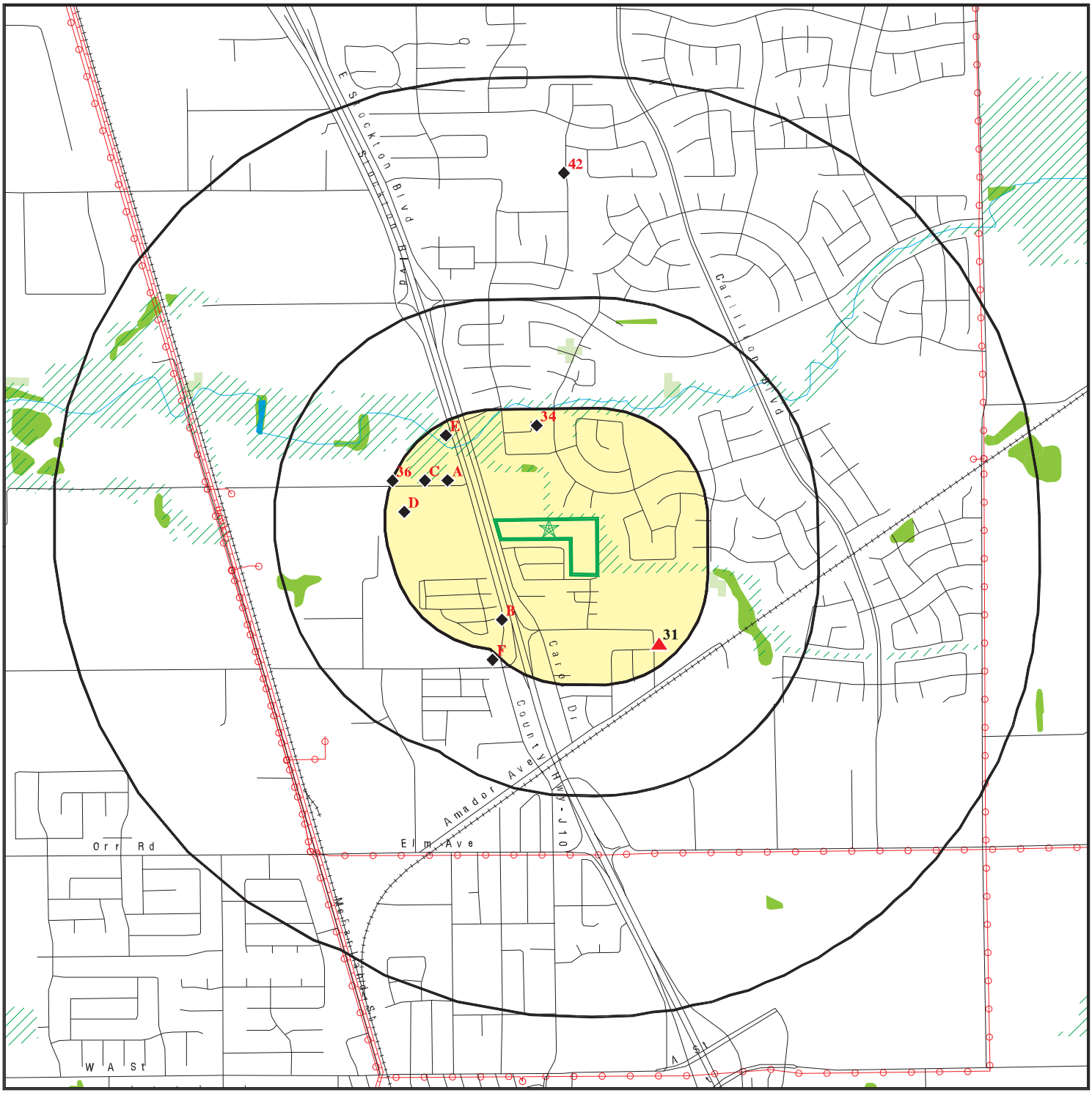
EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
RON'S AUTO SERVICE Facility Status: Inactive. Included on a listing no longer updated.	1130 N LINCOLN WY #C	WNW 0 - 1/8 (0.104 mi.)	A3	15
GALT ROCK & U-TOW CO Facility Status: Inactive. Included on a listing no longer updated.	1130 N LINCOLN WY #B	WNW 0 - 1/8 (0.104 mi.)	A4	16
GALT ROCK AND U-TOW Facility Status: Inactive. Included on a listing no longer updated.	1130 N LINCOLN WY #B	WNW 0 - 1/8 (0.104 mi.)	A5	16
LAPP AUTOMOTIVE	***1130 N LINCOLN WAY S***	***WNW 0 - 1/8 (0.104 mi.)***	***A6***	***17***
GALT ROCK SALES YARD	***10395 LIVE OAK AVE***	***WNW 1/8 - 1/4 (0.129 mi.)***	***A7***	***22***
D2 TRAILER SALES & S	***10393 LIVE OAK AVE***	***WNW 1/8 - 1/4 (0.140 mi.)***	***A9***	***34***
MORE FOR LESS #24	702 N LINCOLN WAY	SSW 1/8 - 1/4 (0.182 mi.)	B15	121
DMC GREEN MORE FOR L	702 N LINCOLN WAY	SSW 1/8 - 1/4 (0.182 mi.)	B17	123
VERIZON WIRELESS GAL	***10391 LIVE OAK AVE***	***WNW 1/8 - 1/4 (0.182 mi.)***	***C20***	***128***
PERFORMANCE MUFFLER	***10391 LIVE OAK AVE S***	***WNW 1/8 - 1/4 (0.182 mi.)***	***C25***	***145***
CONSOLIDATED FABRICA	***650 LIVE OAK AVE***	***W 1/8 - 1/4 (0.206 mi.)***	***D27***	***154***
ROOF RANGERS	10385 LIVE OAK AVE	WNW 1/8 - 1/4 (0.208 mi.)	C30	162
D2 TRAILER SALES AND	***13246 W STOCKTON BLV***	***NW 1/8 - 1/4 (0.212 mi.)***	***E32***	***167***
GALT RECYCLERS	***13208 W STOCKTON BLV***	***NW 1/8 - 1/4 (0.222 mi.)***	***E35***	***186***

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7939303.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 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:	Sheffield Subdivision Phase I ESA	CLIENT:	Geocon Consultants, Inc.
ADDRESS:	13315 East Stockton Boulevard Galt CA 95632	CONTACT:	Kathlyn Ortega
		INQUIRY #:	7939303.2s
LAT/LONG:	38.272644 / 121.300636	DATE:	March 26, 2025 7:53 pm

Copyright © 2025 EDR, Inc. © 2015 TomTom Rel. 2015.

DETAIL MAP - 7939303.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Sheffield Subdivision Phase I ESA	CLIENT: Geocon Consultants, Inc.
ADDRESS: 13315 East Stockton Boulevard Galt CA 95632	CONTACT: Kathlyn Ortega
LAT/LONG: 38.272644 / 121.300636	INQUIRY #: 7939303.2s DATE: March 26, 2025 7:55 pm

Copyright © 2025 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		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
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	0	1	NR	1
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	2	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
Sacramento Co. CS	0.500		0	1	1	NR	NR	2
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	3	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	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		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		1	4	NR	NR	NR	5
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		0	1	NR	NR	NR	1
CERS TANKS	0.250		0	1	NR	NR	NR	1
CA FID UST	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
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
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	15	NR	NR	NR	16
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
UST FINDER	0.250		0	1	NR	NR	NR	1
UST FINDER RELEASE	0.500		0	0	2	NR	NR	2
E MANIFEST	0.250		1	5	NR	NR	NR	6
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		0	0	2	NR	NR	2
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	2	NR	NR	2
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
Sacramento Co. ML	0.250		5	10	NR	NR	NR	15
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0

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
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		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	8	42	9	1	0	60

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **LAPP AUTOMOTIVE** **RCRA NonGen / NLR** **1024794310**
WNW **1130 LINCOLN WAY** **E MANIFEST** **CAL000147520**
< 1/8 **GALT, CA 95632**
0.104 mi.
549 ft. **Site 1 of 9 in cluster A**

Relative: **Lower**

Actual: **48 ft.**

RCRA Listings:

Date Form Received by Agency:		19980806
Handler Name:		Lapp Automotive
Handler Address:		1130 Lincoln Way
Handler City,State,Zip:		GALT, CA 95632-0000
EPA ID:		CAL000147520
Contact Name:		GREG LAPP/OWNER
Contact Address:		1130 LINCOLN WAY
Contact City,State,Zip:		GALT, CA 95632
Contact Telephone:		209-745-2822
Contact Fax:		000-000-0000
Contact Email:		LAPPAUTO@ROCKETMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 366
Mailing City,State,Zip:		GALT, CA 95632-0000
Owner Name:	Greg Lapp	
Owner Type:		Other
Operator Name:	Greg Lapp/Owner	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No

LAPP AUTOMOTIVE (Continued) **1024794310**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: GREG LAPP/OWNER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1130 LINCOLN WAY
Owner/Operator City,State,Zip:	GALT, CA 95632
Owner/Operator Telephone:	209-745-2822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: GREG LAPP	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1130 N LINCOLN WAY
Owner/Operator City,State,Zip:	GALT, CA 95632-0000
Owner/Operator Telephone:	209-745-2822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19980806
Handler Name: LAPP AUTOMOTIVE	
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

LAPP AUTOMOTIVE (Continued) **1024794310**

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

E MANIFEST:

Manifest Tracking Number:	026082138JJK
Last Updated Date:	20240306
Shipped Date:	20240202
Received Date:	20240212
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000147520
Generator Name:	Lapp Automotive
Generator Location Street Number:	Not reported
Generator Location Street 1:	1130 LINCOLN WAY
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	1130 LINCOLN WAY
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000521146
Designated Facility Name:	Yuma Yes 2 Waste Transfer Station
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E 13TH ST
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6500 S US HIGHWAY 95
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	017468638JJK
Last Updated Date:	20181130
Shipped Date:	20181029

LAPP AUTOMOTIVE (Continued) **1024794310**

Received Date:	20181106
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000147520
Generator Name:	Lapp Automotive
Generator Location Street Number:	Not reported
Generator Location Street 1:	1130 LINCOLN WAY
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 366
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000515924
Designated Facility Name:	Yuma Yes Waste Transfer Facility
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E 13TH ST
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365-1901
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2730 E 13TH ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365-1901
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018526859JJK
Last Updated Date:	20190624
Shipped Date:	20190522
Received Date:	20190604
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000147520
Generator Name:	Lapp Automotive
Generator Location Street Number:	Not reported
Generator Location Street 1:	1130 LINCOLN WAY
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	1130 LINCOLN WAY
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-0000

LAPP AUTOMOTIVE (Continued) **1024794310**

Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000521146
Designated Facility Name:	Yuma Yes 2 Waste Transfer Station
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	STE 105
Designated Facility Mail Street 2:	2621 GREEN RIVER RD
Designated Facility Mail City:	CORONA
Designated Facility Mail Zip:	92882
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6500 S US HIGHWAY 95
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	017695079JJK
Last Updated Date:	20200117
Shipped Date:	20191216
Received Date:	20191223
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000147520
Generator Name:	Lapp Automotive
Generator Location Street Number:	Not reported
Generator Location Street 1:	1130 LINCOLN WAY
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	1130 LINCOLN WAY
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000521146
Designated Facility Name:	Yuma Yes 2 Waste Transfer Station
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	STE 105
Designated Facility Mail Street 2:	2621 GREEN RIVER RD
Designated Facility Mail City:	CORONA
Designated Facility Mail Zip:	92882
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6500 S US HIGHWAY 95
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported

LAPP AUTOMOTIVE (Continued) **1024794310**

Manifest Residue Indicator: N
Rejection Indicator: N

State Waste:
Manifest Tracking Number: 017695079JJK
Waste Line Number: 1
State Waste Code Owner: CA
State Waste Code: 352
State Waste: Other organic solids

Transporter:
Manifest Tracking Number: 017695079JJK
Transporter Line Number: 1
Transporter EPA ID: CAD028277036
Transporter Name: Asbury Environmental Services Dba World Oil Enviromental Services

Manifest Tracking Number: 017695079JJK
Transporter Line Number: 2
Transporter EPA ID: CAR000175422
Transporter Name: Worldwide Recovery System Inc

Waste Line:
Manifest Tracking Number: 017695079JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: NON-RCRA HAZARDOUS WASTE, SOLID (PAPER FILTERS)
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 100
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.05
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.05
Waste Quantity, in Kilograms: 45.3515
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 45.3515
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

A2 **PERFORMANCE MUFFLER & BRAKE** **Sacramento Co. ML** **S109034748**
WNW **1130 N LINCOLN WAY STE C** **N/A**
< 1/8 **GALT, CA 95632**
0.104 mi.
549 ft. **Site 2 of 9 in cluster A**

Relative: Sacramento Co. ML:
Lower

Name:	PERFORMANCE MUFFLER & BRAKE
Address:	1130 N LINCOLN WAY STE C
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported
Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	I
Billing Codes UST:	Not reported
WG Bill Code:	I
Target Property Bill Cod:	Not reported
Food Bill Code:	Not reported
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	Not reported
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

Actual:
48 ft.

A3 **RON'S AUTO SERVICE** **Sacramento Co. ML** **S110041648**
WNW **1130 N LINCOLN WY #C** **N/A**
< 1/8 **GALT, CA 95632**
0.104 mi.
549 ft. **Site 3 of 9 in cluster A**

Relative: Sacramento Co. ML:
Lower

Name:	RON'S AUTO SERVICE
Address:	1130 N LINCOLN WY #C
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported
Facility Status:	Inactive. Included on a listing no longer updated.
FD:	M
Billing Codes BP:	Out of Business
Billing Codes UST:	No Tanks
WG Bill Code:	Oil Changed by Outside Company-No Fee
Target Property Bill Cod:	51
Food Bill Code:	51
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	0
UST Tank Test Date:	Not reported
SIC Code:	7538

Actual:
48 ft.

RON'S AUTO SERVICE (Continued) **S110041648**

Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

A4 **GALT ROCK & U-TOW CONCRETE** **Sacramento Co. ML** **S123291343**
WNW **1130 N LINCOLN WY #B** **N/A**
< 1/8 **GALT, CA 95632**
0.104 mi.
549 ft. **Site 4 of 9 in cluster A**

Relative: Sacramento Co. ML:
Lower

Name:	GALT ROCK & U-TOW CONCRETE
Address:	1130 N LINCOLN WY #B
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported
Facility Status:	Inactive. Included on a listing no longer updated.
FD:	M
Billing Codes BP:	Disclaimer
Billing Codes UST:	No Tanks
WG Bill Code:	Oil Changed by Outside Company-No Fee
Target Property Bill Cod:	50
Food Bill Code:	50
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	0
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

Actual:
48 ft.

A5 **GALT ROCK AND U-TOW** **Sacramento Co. ML** **S123291344**
WNW **1130 N LINCOLN WY #B** **N/A**
< 1/8 **GALT, CA 95632**
0.104 mi.
549 ft. **Site 5 of 9 in cluster A**

Relative: Sacramento Co. ML:
Lower

Name:	GALT ROCK AND U-TOW
Address:	1130 N LINCOLN WY #B
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported
Facility Status:	Inactive. Included on a listing no longer updated.
FD:	M
Billing Codes BP:	Disclaimer
Billing Codes UST:	No Tanks
WG Bill Code:	Oil Changed by Outside Company-No Fee
Target Property Bill Cod:	50
Food Bill Code:	50
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported

Actual:
48 ft.

GALT ROCK AND U-TOW (Continued) **S123291344**

HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	0
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

A6 **LAPP AUTOMOTIVE** **CERS HAZ WASTE** **S109419554**
WNW **1130 N LINCOLN WAY STE A** **Sacramento Co. ML** **N/A**
< 1/8 **GALT, CA 95632** **CERS**
0.104 mi.
549 ft. **Site 6 of 9 in cluster A**

Relative:
Lower

Actual:
48 ft.

CERS HAZ WASTE:

Name:	LAPP AUTOMOTIVE
Address:	1130 N LINCOLN WAY STE A
City,State,Zip:	GALT, CA 95632
Site ID:	129698
CERS ID:	10223866
CERS Description:	Hazardous Waste Generator

Sacramento Co. ML:

Name:	LAPP AUTOMOTIVE
Address:	1130 N LINCOLN WAY STE A
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported
Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	A
Billing Codes UST:	Not reported
WG Bill Code:	A
Target Property Bill Cod:	Not reported
Food Bill Code:	Not reported
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	Not reported
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

CERS:

Name:	LAPP AUTOMOTIVE
Address:	1130 N LINCOLN WAY STE A
City,State,Zip:	GALT, CA 95632
Site ID:	129698

LAPP AUTOMOTIVE (Continued) **S109419554**

CERS ID: 10223866
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 129698
Site Name: LAPP AUTOMOTIVE
Violation Date: 01-25-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 02/06/2019. OBSERVATION: Initial and annual employee training in safety procedures in the event of a release or threatened release of a hazardous material including familiarity with the emergency response plan has not been provided nor documented. Training records were not maintained for a minimum of three years. CORRECTIVE ACTION: Establish and electronically submit an employee training program containing provisions to ensure initial and annual training for all applicable employees in safety procedures in the event of a release or threatened release of a hazardous material and release reporting procedures. Submit documentation to this department demonstrating appropriate personnel have received training and maintain ongoing annual training records for a minimum of three years.
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 129698
Site Name: LAPP AUTOMOTIVE
Violation Date: 01-25-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 01/25/2019. OBSERVATION: The annotated site map submitted in CERS is incomplete. It does not include the location of the storm drainage ditch on the north border of property. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System (CERS). Map was corrected and submitted in CERS during inspection, no further action is required.
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 129698
Site Name: LAPP AUTOMOTIVE
Violation Date: 03-20-2015
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes: Returned to compliance on 04/02/2015. OBSERVATION: The brake dust has not been shipped within the required time frame (180 days). CORRECTIVE ACTION: Arrange for the brake dust to be shipped and send a copy of

LAPP AUTOMOTIVE (Continued) **S109419554**

	the receipt of shipment to the County c/o Mr. Steele.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	129698
Site Name:	LAPP AUTOMOTIVE
Violation Date:	01-25-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 01/25/2019. OBSERVATION: The Emergency Response/Contingency Plan submitted in CERS does not have Section E (Facility Evacuation) complete. The evacuee emergency assembly area is not specified. CORRECTIVE ACTION: Revise the Emergency Response/Contingency Plan to include all required content and resubmit electronically in the California Environmental Reporting System (CERS). Plan was corrected and submitted in CERS during inspection, no further action is required.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	129698
Site Name:	LAPP AUTOMOTIVE
Violation Date:	01-25-2019
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 02/06/2019. OBSERVATION #1: Shaved brake filings/dust was photographed spilled on the floor around and on the turning machine itself. OBSERVATION #2: Used absorbent was photographed on the floor beneath the waste oil tank. Absorbent appears to have be placed there to manage spill from tank but never managed itself after oil was absorbed. CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating the spills have been properly removed and managed.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	129698
Site Name:	LAPP AUTOMOTIVE
Violation Date:	01-25-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 01/25/2019. OBSERVATION: The Hazardous Materials Inventory Chemical Description page for used oil filters has

LAPP AUTOMOTIVE (Continued) **S109419554**

not been submitted in CERS. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for used oil filters electronically in the California Environmental Reporting System (CERS). Inventory page for used oil filters created and submitted in CERS during inspection. No further action is required.

Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: NO VIOLATIONS OBSERVED AT THIS TIME.
Eval Division: Sacramento County Env Management Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HW
Eval Source: CERS,

Enforcement Action:

Site ID: 129698
Site Name: LAPP AUTOMOTIVE
Site Address: 1130 N LINCOLN WAY STE A
Site City: GALT
Site Zip: 95632
Enf Action Date: 03-20-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported

LAPP AUTOMOTIVE (Continued) **S109419554**

Enf Action Division: Sacramento County Env Management Department
Enf Action Program: HW
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: GREG LAPP
Entity Title: OWNER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: GREG LAPP
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: GREG LAPP
Entity Title: Not reported
Affiliation Address: PO BOX 366
Affiliation City: GALT
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95632
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P O BOX 366
Affiliation City: GALT
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95632
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: GREG LAPP
Entity Title: Not reported
Affiliation Address: PO BOX 366
Affiliation City: GALT
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95632
Affiliation Phone: (916) 687-8385,

Affiliation Type Desc: CUPA District
Entity Name: Sacramento County Environmental Management Departm

LAPP AUTOMOTIVE (Continued) **S109419554**

Entity Title:	Not reported
Affiliation Address:	11080 WHITE ROCK ROAD, STE. 200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95670
Affiliation Phone:	(916) 875-8550,
Affiliation Type Desc:	Operator
Entity Name:	GREG LAPP
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:	(916) 687-8385,
Affiliation Type Desc:	Parent Corporation
Entity Name:	LAPP AUTOMOTIVE
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:	,

A7 **GALT ROCK SALES YARD** **CERS HAZ WASTE** **S125442027**
WNW **10395 LIVE OAK AVE** **HWTS** **N/A**
1/8-1/4 **GALT, CA 95632** **Sacramento Co. ML**
0.129 mi. **NPDES**
682 ft. **Site 7 of 9 in cluster A** **CERS**

Relative:
Lower

Actual:
47 ft.

CERS HAZ WASTE:

Name:	GALT ROCK AND ASPHALT PRODUCTS
Address:	10395 LIVE OAK AVE
City,State,Zip:	GALT, CA 95632
Site ID:	566390
CERS ID:	10843393
CERS Description:	Hazardous Waste Generator

HWTS:

Name:	GALT ROCK AND ASPHALT PRODUCTS
Address:	10395 LIVE OAK AVE
Address 2:	Not reported
City,State,Zip:	GALT, CA 95632
EPA ID:	CAL000476409
Inactive Date:	Not reported
Create Date:	02/21/2023
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	10395 LIVE OAK AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	GALT, CA 95632
Owner Name:	GALT ROCK AND ASPHALT PRODUCTS

GALT ROCK SALES YARD (Continued) **S125442027**

Owner Address:	10395 LIVE OAK AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	GALT, CA 95632
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	JENNIFER COATNEY
Contact Address:	10395 LIVE OAK AVE
Contact Address 2:	Not reported
City,State,Zip:	GALT, CA 95632
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	Permanent
Category:	State
Latitude:	38.274220059999998
Longitude:	-121.30452197

Sacramento Co. ML:

Name:	GALT ROCK & ASPHALT PRODUCTS INC
Address:	10395 LIVE OAK AVE
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported
Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	A
Billing Codes UST:	Not reported
WG Bill Code:	Not reported
Target Property Bill Cod:	Not reported
Food Bill Code:	Not reported
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	Not reported
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

NPDES:

Name:	GALT ROCK SALES YARD
Address:	10395 LIVE OAK AVE
City,State,Zip:	GALT, CA 95632
Facility Status:	Active
NPDES Number:	CAS000001
Region:	5S
Agency Number:	0
Regulatory Measure ID:	514422
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	5S34I028423
Regulatory Measure Type:	Enrollee

GALT ROCK SALES YARD (Continued) **S125442027**

Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/08/2019
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	10395 Live Oak Ave
Discharge Name:	Galt Rock & Asphalt Products Inc
Discharge City:	Galt
Discharge State:	California
Discharge Zip:	95632
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	GALT ROCK SALES YARD
Address:	10395 LIVE OAK AVE
City,State,Zip:	GALT, CA 95632
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	5S34I028423
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	11/08/2019
Operator Name:	Galt Rock & Asphalt Products Inc
Operator Address:	10395 Live Oak Ave
Operator City:	Galt
Operator State:	California
Operator Zip:	95632

CERS:

Name:	GALT ROCK AND ASPHALT PRODUCTS
Address:	10395 LIVE OAK AVE
City,State,Zip:	GALT, CA 95632
Site ID:	566390
CERS ID:	10843393
CERS Description:	Chemical Storage Facilities

Violations:

GALT ROCK SALES YARD (Continued) **S125442027**

Site ID:	566390
Site Name:	Galt Rock and Asphalt Products
Violation Date:	01-31-2023
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 02/15/2023. OBSERVATION: Three 5 gallon containers of used oil and one <5 gal container of used oil or hydraulic oil located in the storage sheds were observed open at the time of the inspection. CORRECTIVE ACTION: Submit photos to this department demonstrating that the container listed above has been properly closed.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	566390
Site Name:	Galt Rock and Asphalt Products
Violation Date:	01-31-2023
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 02/15/2023. OBSERVATION: One fuel filter was observed stored in the 5 gal used oil container located in the storage shed at the time of the inspection. CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the used oil and fuel filters are being properly managed or submit a bill of lading to this department demonstrating proper disposal.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	566390
Site Name:	Galt Rock and Asphalt Products
Violation Date:	01-31-2023
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 02/15/2023. OBSERVATION: One 55 gallon drum of used oil located next to the south east driveway in the secondary containment case labeled "used oil", three 5 gallon containers of used oil and one <5 gal container of used oil or hydraulic oil located in the storage sheds were observed without an accumulation start date and a manifest/receipt demonstrating disposal within the 180 days was not available at the time of the inspection. CORRECTIVE ACTION: Dispose of used oil and/or hydraulic oil and submit a copy of the manifest/receipt to this department.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,

GALT ROCK SALES YARD (Continued) **S125442027**

Site ID:	566390
Site Name:	Galt Rock and Asphalt Products
Violation Date:	01-31-2023
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 02/15/2023. OBSERVATION: The generator has not obtained an active EPA ID number to manage hazardous waste at the time of the inspection. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit an application to the California Department of Toxic Substances Control to obtain an EPA ID number. Submit a copy of the completed application to this department.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	566390
Site Name:	Galt Rock and Asphalt Products
Violation Date:	01-31-2023
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 02/17/2023. OBSERVATION: One 55 gallon drum of used oil located next to the south east driveway in the secondary containment case labeled "used oil", three 5 gallon containers of used oil and one <5 gal container of used oil or hydraulic oil located in the storage sheds were observed without a hazardous waste label at the time of the inspection. CORRECTIVE ACTION: Submit photos to this department demonstrating that the containers listed above have been properly labeled.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	566390
Site Name:	Galt Rock and Asphalt Products
Violation Date:	01-31-2023
Citation:	HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c)
Violation Description:	"Failure to record in an operating log and retain for three years the following information for each shipment of recycled or exempted oil: 1) The name and address of the used oil recycling facility or generator claiming the oil meets the requirements of HSC 6.5 25250.1. 2) The name and address of the facility receiving the shipment. 3) The quantity of oil delivered. 4) The date of shipment or delivery. 5) A cross-reference to the records and documentation required under HSC 6.5 25250.1."
Violation Notes:	Returned to compliance on 02/15/2023. OBSERVATION: The owner Jennifer Coatney stated that used oil is taken to AutoZone or O'Reilly's. The

GALT ROCK SALES YARD (Continued) **S125442027**

owner did not provide properly retained completed records in an operating log for each shipment of used oil at the time of the inspection. CORRECTIVE ACTION: Begin maintaining a log for used oil disposals and send a statement to this department that your facility will be recording all used oil disposals and keeping those records for three years.

Violation Division: Sacramento County Env Management Department
Violation Program: HW
Violation Source: CERS,

Site ID: 566390
Site Name: Galt Rock and Asphalt Products
Violation Date: 01-31-2023
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 02/15/2023. OBSERVATION: The business did not provide records of initial and annual employee training at the time of the inspection. CORRECTIVE ACTION: Provide all employees with required training that includes: safe handling hazardous materials, emergency response procedures, and proper use of response equipment. Maintain records of training available for 3 years. Submit documentation of correction to this department.
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 566390
Site Name: Galt Rock and Asphalt Products
Violation Date: 01-31-2023
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 03/13/2023. OBSERVATION: The Hazardous Materials Business Plan was not updated within 30 days of handling a previously undisclosed hazardous material. Storage of reportable quantities of propane, hydraulic fluid and used oil was observed at the time of the inspection. CORRECTIVE ACTION: Update all submittal elements affected by the changes and electronically submit the update in the California Environmental Reporting System. Notify specialist Hewling when it's ready for review.
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 566390
Site Name: Galt Rock and Asphalt Products
Violation Date: 01-31-2023

GALT ROCK SALES YARD (Continued) **S125442027**

Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Returned to compliance on 02/15/2023. OBSERVATION: Employees are not thoroughly familiar with proper waste handling and emergency procedures as demonstrated by the number and type of hazardous waste violations observed at the time of inspection. CORRECTIVE ACTION: Submit documentation to this department demonstrating that employees have been properly trained.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-31-2023
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	The inspection report was emailed on 02/02/23 to Jennifer Coatney at galtrockandasphalt@yahoo.com
Eval Division:	Sacramento County Env Management Department
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-31-2023
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	The inspection report was emailed on 02/02/23 to Jennifer Coatney at galtrockandasphalt@yahoo.com The hazardous waste generator has not obtained a hazardous waste generator permit from this department at the time of the inspection. Immediately pay hazardous waste permit fees after receiving the invoice to obtain a new hazardous waste generator permit and maintain that permit as active as long as the facility is in operation and continues to generate hazardous waste. The facility owner was provided a hazardous waste generator booklet, CUPA brochure, hazardous waste label, used oil log template and EPA ID application information with the inspection report.
Eval Division:	Sacramento County Env Management Department
Eval Program:	HW
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Sacramento County Environmental Management Departm
Entity Title:	Not reported
Affiliation Address:	11080 WHITE ROCK ROAD, STE. 200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95670
Affiliation Phone:	(916) 875-8550,

Affiliation Type Desc:	Environmental Contact

GALT ROCK SALES YARD (Continued) **S125442027**

Entity Name:	Jennifer Coatney
Entity Title:	Not reported
Affiliation Address:	10395 Live Oak Ave
Affiliation City:	Galt
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95632
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Galt Rock & Asphalt Products, INC
Entity Title:	Not reported
Affiliation Address:	10395 Live Oak Ave
Affiliation City:	Galt
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95632
Affiliation Phone:	(209) 745-1925,
Affiliation Type Desc:	Identification Signer
Entity Name:	Jennifer Coatney
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Galt Rock and Asphalt Products
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Jennifer Coatney
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 745-1925,
Affiliation Type Desc:	Document Preparer
Entity Name:	Jennifer Coatney
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

GALT ROCK SALES YARD (Continued) **S125442027**

Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 10395 Live Oak Ave
Affiliation City: Galt
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95632
Affiliation Phone: ,

Name: GALT ROCK SALES YARD
Address: 10395 LIVE OAK AVE
City,State,Zip: GALT, CA 95632
Site ID: 560504
CERS ID: 877013
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 560504
Site Name: Galt Rock Sales Yard
Violation Date: 11-22-2019
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: Unauthorized Discharge
Violation Notes: Non-stormwater discharge into Facility storm drain system. The concrete batch plant equipment and area was rinsed and the runoff discharged into the storm drain system.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-22-2019
Violations Found: Yes
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Central Valley Regional Water Quality Control Board conducted an industrial stormwater inspection of the Facility for compliance with the Industrial General Permit on 22 November 2019. The Facility began coverage on 8 November 2019 and Facility staff was not familiar with the inspection and sampling requirements of the Industrial General Permit. Board staff spent some time with Facility staff to inform them of the minimum requirements of the Industrial General Permit. During the field inspection, Bard staff observed several oil stains on the ground and non-stormwater discharges from water used to rinse the concrete batch area, into one of the Facility's storm drains. The Facility's storm drains discharge into a stormwater vault that filters the stormwater discharges prior to entering the City of Galt's storm drain system. The Facility Manager opened the vaults and they were almost full. A Notice of Violation was issued for the non-stormwater discharges and a corrective action response date was issued for 17 January 2019. A copy of the inspection reqort is included with this entry.
Eval Division: Water Boards
Eval Program: INDSTW

GALT ROCK SALES YARD (Continued) **S125442027**

Eval Source: SMARTS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-13-2020
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: On 13 November 2020, Regional Water Quality Control Board staff (Staff) inspected the Galt Rock & Asphalt Products Inc. (Discharger) Galt Rock Sales Yard facility located at 10395 Live Oak Ave in Galt (see attached inspection report).
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Enforcement Action:
Site ID: 560504
Site Name: Galt Rock Sales Yard
Site Address: 10395 LIVE OAK AVE
Site City: GALT
Site Zip: 95632
Enf Action Date: 12-16-2019
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: Notice of Violation for non-stormwater discharges.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Galt Rock & Asphalt Products Inc
Entity Title: Operator
Affiliation Address: 10395 Live Oak Ave
Affiliation City: Galt
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95632
Affiliation Phone: ,

A8 **GALT ROCK AND ASPHALT PRODUCTS** **RCRA NonGen / NLR** **1027530132**
WNW **10395 LIVE OAK AVE** **CAL000476409**
1/8-1/4 **GALT, CA 95632**
0.129 mi.
682 ft. **Site 8 of 9 in cluster A**

Relative: **Lower**
Actual: **47 ft.**

RCRA Listings:
Date Form Received by Agency: 20230221
Handler Name: Galt Rock And Asphalt Products
Handler Address: 10395 Live Oak Ave
Handler City,State,Zip: GALT, CA 95632
EPA ID: CAL000476409
Contact Name: JENNIFER COATNEY
Contact Address: 10395 LIVE OAK AVE
Contact City,State,Zip: GALT, CA 95632
Contact Telephone: 209-745-1925
Contact Fax: 209-745-1929

GALT ROCK AND ASPHALT PRODUCTS (Continued) **1027530132**

Contact Email:		JENNIFER@GALTROCK.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:		10395 LIVE OAK AVE
Mailing City,State,Zip:		GALT, CA 95632
Owner Name:	Galt Rock And Asphalt Products	
Owner Type:		Other
Operator Name:	Jennifer Coatney	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20230221
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

GALT ROCK AND ASPHALT PRODUCTS (Continued) **1027530132**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: GALT ROCK AND ASPHALT PRODUCTS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10395 LIVE OAK AVE
Owner/Operator City,State,Zip:	GALT, CA 95632
Owner/Operator Telephone:	209-745-1925
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: JENNIFER COATNEY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10395 LIVE OAK AVE
Owner/Operator City,State,Zip:	GALT, CA 95632
Owner/Operator Telephone:	209-745-1925
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20230221
Handler Name: GALT ROCK AND ASPHALT PRODUCTS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	327320
NAICS Description:	Ready-Mix Concrete Manufacturing

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

A9
WNW
1/8-1/4
0.140 mi.
739 ft.

D2 TRAILER SALES & SERVICE
10393 LIVE OAK AVE
GALT, CA 95632

Site 9 of 9 in cluster A

HWTS **S113114787**
HAZNET **N/A**
Sacramento Co. ML

Relative:
Lower

Actual:
46 ft.

HWTS:

Name:	D2 TRAILER SALES & SERVICE
Address:	10393 LIVE OAK AVE
Address 2:	Not reported
City,State,Zip:	GALT, CA 95632
EPA ID:	CAL000230135
Inactive Date:	06/30/2010
Create Date:	01/11/2002
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 5156
Mailing Address 2:	Not reported
Mailing City,State,Zip:	GALT, CA 956320000
Owner Name:	D2 TRAILER SALES & SERVICE
Owner Address:	13246 W STOCKTON BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	GALT, CA 956320000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	NANCY BRYANT
Contact Address:	PO BOX 5156
Contact Address 2:	Not reported
City,State,Zip:	GALT, CA 956320000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	38.274157
Longitude:	-121.305037

NAICS:

EPA ID:	CAL000230135
Create Date:	2002-03-14 16:36:29.000
NAICS Code:	92119
NAICS Description:	Other General Government Support
Issued EPA ID Date:	2002-01-11 00:00:00
Inactive Date:	2010-06-30 00:00:00
Facility Name:	D2 TRAILER SALES & SERVICE
Facility Address:	10393 LIVE OAK AVE
Facility Address 2:	Not reported
Facility City:	GALT
Facility County:	Not reported
Facility State:	CA
Facility Zip:	956320000

HAZNET:

Name:	D2 TRAILER SALES & SERVICE
Address:	10393 LIVE OAK AVE
Address 2:	Not reported
City,State,Zip:	GALT, CA 956320000
Contact:	NANCY BRYANT

D2 TRAILER SALES & SERVICE (Continued) **S113114787**

Telephone:	2097455480
Mailing Name:	Not reported
Mailing Address:	PO BOX 5156
Year:	2008
Gepaid:	CAL000230135
TSD EPA ID:	CAD097030993
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.252
Year:	2007
Gepaid:	CAL000230135
TSD EPA ID:	CAD097030993
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.126
Year:	2006
Gepaid:	CAL000230135
TSD EPA ID:	CAD097030993
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.126
Year:	2006
Gepaid:	CAL000230135
TSD EPA ID:	CAT080033681
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01 - Recycler
Tons:	0.063
Year:	2006
Gepaid:	CAL000230135
TSD EPA ID:	CAD097030993
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.189
Year:	2005
Gepaid:	CAL000230135
TSD EPA ID:	CAT080033681
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01 - Recycler
Tons:	0.252
Year:	2004
Gepaid:	CAL000230135

D2 TRAILER SALES & SERVICE (Continued) **S113114787**

TSD EPA ID: CAT080033681
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: R01 - Recycler
Tons: 0.252

Year: 2004
Gepaid: CAL000230135
TSD EPA ID: CAT080033681
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.418

Year: 2003
Gepaid: CAL000230135
TSD EPA ID: CAD982444481
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H01 - Transfer Station
Tons: 0.209

Additional Information:
Year: 2008
Gen EPA ID: CAL000230135

Shipment Date: 20081219
Creation Date: 2/20/2009 18:30:31
Receipt Date: 20090106
Manifest ID: 003567678JJK
Trans EPA ID: CAR000009910
Trans Name: CALIFORNIA ENVIRONMENTAL & LITHO
Trans 2 EPA ID: CAD028277036
Trans 2 Name: ASBURY ENVIRONMENTAL SERVICES
TSDF EPA ID: CAD097030993
Trans Name: SIEMENS WATER TECHNOLOGIES CORP
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080319
Creation Date: 5/22/2008 18:30:15
Receipt Date: 20080401
Manifest ID: 002034794JJK
Trans EPA ID: CAR000009910
Trans Name: CALIFORNIA ENVIRONMENTAL & LITHO
Trans 2 EPA ID: CAD028277036

D2 TRAILER SALES & SERVICE (Continued) **S113114787**

Trans 2 Name:	ASBURY ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2007
Gen EPA ID:	CAL000230135
Shipment Date:	20070815
Creation Date:	11/6/2007 18:30:06
Receipt Date:	20070827
Manifest ID:	002034793JJK
Trans EPA ID:	CAR000009910
Trans Name:	CALIFORNIA ENVIRONMENTAL & LITHO
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	ASBURY ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2006
Gen EPA ID:	CAL000230135
Shipment Date:	20061215
Creation Date:	4/19/2007 18:31:46
Receipt Date:	20070102
Manifest ID:	001741579JJK
Trans EPA ID:	CAR000009910

D2 TRAILER SALES & SERVICE (Continued) **S113114787**

Trans Name:	CALIFORNIA ENVIRONMENTAL & LITHO
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	ASBURY ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGY CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060801
Creation Date:	11/21/2006 18:30:26
Receipt Date:	20060821
Manifest ID:	24535194
Trans EPA ID:	CAR000009910
Trans Name:	CAL ENVIRONMENTAL LITHO
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	ASBURY ENVIRONMENTAL SERV
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060418
Creation Date:	12/20/2006 18:30:44
Receipt Date:	20060501
Manifest ID:	24534902
Trans EPA ID:	CAR000009910
Trans Name:	CAL ENVIRONMENTAL LITHO
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	ASBURY ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues

D2 TRAILER SALES & SERVICE (Continued) **S113114787**

RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060111
Creation Date:	5/6/2006 18:30:32
Receipt Date:	20060123
Manifest ID:	23531599
Trans EPA ID:	CAR000009910
Trans Name:	CAL ENVIRONMENTAL & LITHO
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	ASBURY ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2005
Gen EPA ID:	CAL000230135
Shipment Date:	20050720
Creation Date:	11/23/2005 18:30:57
Receipt Date:	20050803
Manifest ID:	23531598
Trans EPA ID:	CAR000009910
Trans Name:	CAL ENVIRONMENTAL & LITHO
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	ASBURY ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G

D2 TRAILER SALES & SERVICE (Continued) **S113114787**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050214
Creation Date:	5/29/2005 18:31:56
Receipt Date:	20050223
Manifest ID:	23531597
Trans EPA ID:	CAR000009910
Trans Name:	CAL ENVIRONMENTAL & LITHO
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	ASBURY ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080033681
Trans Name:	D/KENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2004
Gen EPA ID:	CAL000230135
Shipment Date:	20041005
Creation Date:	1/10/2005 18:31:02
Receipt Date:	20041013
Manifest ID:	23531460
Trans EPA ID:	CAR000009910
Trans Name:	CAL ENVIRONMENTAL & LITHO
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	ASBURY ENVIRONMENTAL SERV
TSDF EPA ID:	CAT080033681
Trans Name:	D/KENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

D2 TRAILER SALES & SERVICE (Continued) **S113114787**

Shipment Date:	20040917
Creation Date:	12/21/2004 18:31:57
Receipt Date:	20040927
Manifest ID:	22128758
Trans EPA ID:	CAR000009910
Trans Name:	CAL ENVIRONMENTAL & LITHO
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	ASBURY ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080033681
Trans Name:	DEMENNO/KERDOON ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040604
Creation Date:	1/10/2005 18:31:35
Receipt Date:	20040615
Manifest ID:	22919079
Trans EPA ID:	CAR000009910
Trans Name:	CAL ENVIRONMENTAL & LITHO
Trans 2 EPA ID:	CAR000101600
Trans 2 Name:	DEMENNO/KERDOON RICHMOND
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2003
Gen EPA ID:	CAL000230135

Shipment Date:	20030206
Creation Date:	5/19/2003 18:31:05
Receipt Date:	20030213
Manifest ID:	22128464
Trans EPA ID:	CAR000009910

D2 TRAILER SALES & SERVICE (Continued) **S113114787**

Trans Name:	Not reported
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Sacramento Co. ML:

Name:	D2 TRAILER SALES AND SERVICE
Address:	10393 LIVE OAK AVE
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported
Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	I
Billing Codes UST:	Not reported
WG Bill Code:	I
Target Property Bill Cod:	Not reported
Food Bill Code:	Not reported
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	Not reported
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

B10 **MORE FOR LESS** **RCRA NonGen / NLR 1024809261**
SSW **702 N LINCOLN WAY** **E MANIFEST CAL000283815**
1/8-1/4 **GALT, CA 95632**
0.182 mi.
960 ft. **Site 1 of 8 in cluster B**

Relative:
Lower

Actual:
51 ft.

RCRA Listings:

Date Form Received by Agency:	20240313
Handler Name:	Convenience Aquisition Llc Dba More For Less
Handler Address:	702 N Lincoln Way
Handler City,State,Zip:	GALT, CA 95632
EPA ID:	CAL000283815

MORE FOR LESS (Continued) **1024809261**

Contact Name:		ROBERT MONTOYA
Contact Address:		702 N LINCOLN WAY
Contact City,State,Zip:		GALT, CA 95632
Contact Telephone:		209-745-4974
Contact Fax:		209-745-5955
Contact Email:		MOREFORLESS24@SBCGLOBAL.NET
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3336 BRADSHAW RD STE 260
Mailing City,State,Zip:		SACRAMENTO, CA 95827
Owner Name:	Convenience Aquisition Co Llc	
Owner Type:		Other
Operator Name:	Convenience Aquisition Co Llc	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20240326
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No

MORE FOR LESS (Continued) **1024809261**

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: CONVENIENCE AQUISITION CO LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3336 BRADSHAW RD STE 260
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95827
Owner/Operator Telephone:	916-619-8450
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	916-369-3975
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: ROBERT FROST	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3336 BRADSHAW RD STE 260
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95827
Owner/Operator Telephone:	916-369-3976
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: CONVENIENCE AQUISITION CO LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3336 BRADSHAW RD STE 260
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95827-2600
Owner/Operator Telephone:	916-369-9740
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: CONVENIENCE AQUISITION CO LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3336 BRADSHAW RD STE 260
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95827
Owner/Operator Telephone:	916-619-8450
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	916-369-3975
Owner/Operator Email:	Not reported

MORE FOR LESS (Continued) **1024809261**

Historic Generators:
Receive Date: 20040702
Handler Name: MORE FOR LESS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20240313
Handler Name: CONVENIENCE AQUISITION LLC DBA MORE FOR LESS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44719
NAICS Description: Other Gasoline Stations

NAICS Code: 457110
NAICS Description: Gasoline Stations With Convenience Stores

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:
Manifest Tracking Number: 013183324FLE
Last Updated Date: 20230315
Shipped Date: 20230126
Received Date: 20230210
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Web
Generator EPA ID: CAL000283815
Generator Name: More For Less
Generator Location Street Number: Not reported
Generator Location Street 1: 702 N LINCOLN WAY
Generator Location Street 2: Not reported
Generator Location City: GALT

MORE FOR LESS (Continued) **1024809261**

Generator Location State:	CA
Generator Location Zip:	95632
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	3336 BRADSHAW RD STE 260
Generator Mail Street 2:	Not reported
Generator Mail City:	SACRAMENTO
Generator Mail Zip:	95827-2600
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAL000282598
Designated Facility Name:	Heritage-Crystal Clean Llc
Designated Facility Mail Street Number:	2175
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	POINT BLVD STE 375
Designated Facility Mail City:	ELGIN
Designated Facility Mail Zip:	60123
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	1620
Designated Facility Location Street 1:	E. BRUNDAGE LN
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BAKERSFIELD
Designated Facility Location Zip:	93307
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	026143190JJK
Last Updated Date:	20240517
Shipped Date:	20240328
Received Date:	20240405
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000283815
Generator Name:	Convenience Aquisition Llc Dba More For Less
Generator Location Street Number:	Not reported
Generator Location Street 1:	702 N LINCOLN WAY
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	3336 BRADSHAW RD STE 260
Generator Mail Street 2:	Not reported
Generator Mail City:	SACRAMENTO
Generator Mail Zip:	95827
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008252405
Designated Facility Name:	Pacific Resource Recovery Services Inc
Designated Facility Mail Street Number:	3150
Designated Facility Mail Street 1:	CA90023 CA037US 3150
Designated Facility Mail Street 2:	EAST PICO BLVD
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023
Designated Facility Mail State:	CA

MORE FOR LESS (Continued) **1024809261**

Designated Facility Location Street Number:	3150
Designated Facility Location Street 1:	EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90023-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	025444725JJK
Last Updated Date:	20230727
Shipped Date:	20230620
Received Date:	20230707
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000283815
Generator Name:	More For Less
Generator Location Street Number:	Not reported
Generator Location Street 1:	702 N LINCOLN WAY
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	3336 BRADSHAW RD STE 260
Generator Mail Street 2:	Not reported
Generator Mail City:	SACRAMENTO
Generator Mail Zip:	95827-2600
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008252405
Designated Facility Name:	Pacific Resource Recovery Services Inc
Designated Facility Mail Street Number:	3150
Designated Facility Mail Street 1:	CA90023 CA037US 3150
Designated Facility Mail Street 2:	EAST PICO BLVD
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	3150
Designated Facility Location Street 1:	EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90023-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	025444725JJK
Transporter Line Number:	1
Transporter EPA ID:	CAD044003556
Transporter Name:	Ramos Environmental Services

Manifest Tracking Number:	025444725JJK

MORE FOR LESS (Continued) **1024809261**

Transporter Line Number: 2
Transporter EPA ID: CAR000245050
Transporter Name: Ecotrans Llc

Manifest Tracking Number: 025444725JJK
Transporter Line Number: 3
Transporter EPA ID: CAR000187922
Transporter Name: Rust And Sons Trucking Inc

Manifest Tracking Number: 025444725JJK
Transporter Line Number: 4
Transporter EPA ID: CAR000206086
Transporter Name: North State Environmental Inc

Waste Line:
Manifest Tracking Number: 025444725JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1203
U.S. DOT Description: Rq, Un1203, Waste Gasoline, 3, Pgii (D001)
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 55
Quantity Unit of Measure Code: G
Quantity Unit of Measure Description: Gallons
Waste Quantity, in Tons: 0.2293578
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.2293578
Waste Quantity, in Kilograms: 208.03441
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 208.03441
Management Method Code: H061
Management Method Description: FUEL BLENDING
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: Y

Manifest Tracking Number: 025444725JJK
Waste Line Number: 2
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1325
U.S. DOT Description: Rq Un1325, Waste Flammable Solids, Organic, N.O.S., 4.1, Pgiii (Gasoline, Debris) (D001)
Non-Hazardous Waste Description: Not reported

MORE FOR LESS (Continued) **1024809261**

Number of Containers:	2
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	400
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.2
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.2
Waste Quantity, in Kilograms:	181.406
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	181.406
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y

B11 **MORE FOR LESS #24** **UST FINDER** **1028183665**
SSW **702 N LINCOLN WAY** **N/A**
1/8-1/4 **GALT, CA 95632**
0.182 mi.
960 ft. **Site 2 of 8 in cluster B**

Relative: UST FINDER:
Lower

Actual: Object ID:	727896
51 ft. Facility ID:	CA10173907
Name:	MORE FOR LESS #24
Address:	702 N LINCOLN WAY
City,State,Zip:	GALT, CA 95632
Address Match Type:	PointAddress
Open USTs:	7
Closed USTs:	Not reported
TOS USTs:	Not reported
Population 1500ft:	978
Private Wells 1500ft:	103
Within 100yr Floodplain:	No
Land Use:	Developed, Medium Intensity
Within SPA:	Not reported
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Not reported
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported

MORE FOR LESS #24 (Continued) **1028183665**

WHPA HUC12: Not reported
Facility Status: Open UST(s)
Date of Last Inspection: Not reported
EPA Region: 9
Tribe: Not reported
Coordinate Source: Geocode
X Coord: -121.30320794
Y Coord: 38.2684622740001
Latitude: 38.2684622743486
Longitude: -121.303207940098

UST FINDER:
Object ID: 2249457
Facility ID: CA10173907
Tank ID: CA10173907-007_One in a Compartmented Unit_3
Tank Status: Open
Installation Date: 2009/04/01 15:59:59+00
Removal Date: Not reported
Tank Capacity: 6000
Substances: Other Petroleum
Tank Wall Type: Double Wall

Object ID: 2249458
Facility ID: CA10173907
Tank ID: CA10173907-006_One in a Compartmented Unit_3
Tank Status: Open
Installation Date: 2009/04/01 15:59:59+00
Removal Date: Not reported
Tank Capacity: 10000
Substances: E85
Tank Wall Type: Double Wall

Object ID: 2249459
Facility ID: CA10173907
Tank ID: CA10173907-005_One in a Compartmented Unit_3
Tank Status: Open
Installation Date: 2009/04/01 15:59:59+00
Removal Date: Not reported
Tank Capacity: 6000
Substances: Regular Unleaded
Tank Wall Type: Double Wall

Object ID: 2249462
Facility ID: CA10173907
Tank ID: CA10173907-004_A Stand-alone Tank_1
Tank Status: Open
Installation Date: 1981/07/01 16:00:00+00
Removal Date: Not reported
Tank Capacity: 12000
Substances: Diesel
Tank Wall Type: Single Wall

Object ID: 2249463
Facility ID: CA10173907
Tank ID: CA10173907-003_A Stand-alone Tank_1
Tank Status: Open
Installation Date: 1981/07/01 16:00:00+00
Removal Date: Not reported

MORE FOR LESS #24 (Continued) **1028183665**

Tank Capacity:	12000
Substances:	Premium Unleaded
Tank Wall Type:	Double Wall
Object ID:	2249001
Facility ID:	CA10173907
Tank ID:	CA10173907-001_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1981/07/01 16:00:00+00
Removal Date:	Not reported
Tank Capacity:	12000
Substances:	Regular Unleaded
Tank Wall Type:	Single Wall
Object ID:	2249002
Facility ID:	CA10173907
Tank ID:	CA10173907-002_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1981/07/01 16:00:00+00
Removal Date:	Not reported
Tank Capacity:	12000
Substances:	Regular Unleaded
Tank Wall Type:	Single Wall

B12 **MORE FOR LESS #24** **UST** **U004352800**
SSW **702 N LINCOLN WAY** **N/A**
1/8-1/4 **GALT, CA 95632**
0.182 mi.
960 ft. **Site 3 of 8 in cluster B**

Relative: UST:
Lower

Actual: Name:	MORE FOR LESS #24
51 ft. Address:	702 N LINCOLN WAY
City,State,Zip:	GALT, CA 95632
Facility ID:	FA0004758
Permitting Agency:	Sacramento County Environmental Management Department
CERSID:	10173907
Latitude:	38.2682800
Longitude:	-121.302670
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	Convenience Acquisition Co, LLC
Tank owner mailing address:	3336 Bradshaw Rd., Suite 260
Tank owner mailing city:	Sacramento
Tank owner mailing zip:	95827
Tank owner mailing state:	CA
Tank operator name:	Convenience Acquisition Co, LLC
Tank operator mailing address:	3336 Bradshaw Rd., Suite 260
Tank operator mailing city:	Sacramento
Tank operator mailing zip:	95827
Tank operator mailing state:	CA
Tankidnumber:	27094

MORE FOR LESS #24 (Continued) **U004352800**

Tank status:	Confirmed/Updated Information
Tank configuration:	One in a Compartmented Unit
Tank closure date:	Not reported
Tank installation date:	4/1/2009 12:00:00 AM
Tank num of compartments:	3
Tank contents:	Regular Unleaded
Tank capacity gallons:	6000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	MORE FOR LESS #24
Address:	702 N LINCOLN WAY
City,State,Zip:	GALT, CA 95632
Facility ID:	FA0004758
Permitting Agency:	Sacramento County Environmental Management Department
CERSID:	10173907
Latitude:	38.2682800
Longitude:	-121.302670
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	Convenience Acquisition Co, LLC
Tank owner mailing address:	3336 Bradshaw Rd., Suite 260
Tank owner mailing city:	Sacramento
Tank owner mailing zip:	95827
Tank owner mailing state:	CA
Tank operator name:	Convenience Acquisition Co, LLC
Tank operator mailing address:	3336 Bradshaw Rd., Suite 260
Tank operator mailing city:	Sacramento
Tank operator mailing zip:	95827
Tank operator mailing state:	CA
Tankidnumber:	27095
Tank status:	Confirmed/Updated Information
Tank configuration:	One in a Compartmented Unit
Tank closure date:	Not reported
Tank installation date:	4/1/2009 12:00:00 AM
Tank num of compartments:	3
Tank contents:	12
Tank capacity gallons:	10000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled

MORE FOR LESS #24 (Continued) **U004352800**

Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	MORE FOR LESS #24
Address:	702 N LINCOLN WAY
City,State,Zip:	GALT, CA 95632
Facility ID:	FA0004758
Permitting Agency:	Sacramento County Environmental Management Department
CERSID:	10173907
Latitude:	38.2682800
Longitude:	-121.302670
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	Convenience Acquisition Co, LLC
Tank owner mailing address:	3336 Bradshaw Rd., Suite 260
Tank owner mailing city:	Sacramento
Tank owner mailing zip:	95827
Tank owner mailing state:	CA
Tank operator name:	Convenience Acquisition Co, LLC
Tank operator mailing address:	3336 Bradshaw Rd., Suite 260
Tank operator mailing city:	Sacramento
Tank operator mailing zip:	95827
Tank operator mailing state:	CA
Tankidnumber:	24482
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	7/1/1981 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Diesel
Tank capacity gallons:	12000
Tank type:	Single Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	MORE FOR LESS #24
Address:	702 N LINCOLN WAY
City,State,Zip:	GALT, CA 95632
Facility ID:	FA0004758
Permitting Agency:	Sacramento County Environmental Management Department

MORE FOR LESS #24 (Continued) **U004352800**

CERSID:	10173907
Latitude:	38.2682800
Longitude:	-121.302670
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	Convenience Acquisition Co, LLC
Tank owner mailing address:	3336 Bradshaw Rd., Suite 260
Tank owner mailing city:	Sacramento
Tank owner mailing zip:	95827
Tank owner mailing state:	CA
Tank operator name:	Convenience Acquisition Co, LLC
Tank operator mailing address:	3336 Bradshaw Rd., Suite 260
Tank operator mailing city:	Sacramento
Tank operator mailing zip:	95827
Tank operator mailing state:	CA
Tankidnumber:	27096
Tank status:	Confirmed/Updated Information
Tank configuration:	One in a Compartmented Unit
Tank closure date:	Not reported
Tank installation date:	4/1/2009 12:00:00 AM
Tank num of compartments:	3
Tank contents:	Other Petroleum
Tank capacity gallons:	6000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	MORE FOR LESS #24
Address:	702 N LINCOLN WAY
City,State,Zip:	GALT, CA 95632
Facility ID:	FA0004758
Permitting Agency:	Sacramento County Environmental Management Department
CERSID:	10173907
Latitude:	38.2682800
Longitude:	-121.302670
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	Convenience Acquisition Co, LLC
Tank owner mailing address:	3336 Bradshaw Rd., Suite 260

MORE FOR LESS #24 (Continued) **U004352800**

Tank owner mailing city:	Sacramento
Tank owner mailing zip:	95827
Tank owner mailing state:	CA
Tank operator name:	Convenience Acquisition Co, LLC
Tank operator mailing address:	3336 Bradshaw Rd., Suite 260
Tank operator mailing city:	Sacramento
Tank operator mailing zip:	95827
Tank operator mailing state:	CA
Tankidnumber:	24483
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	7/1/1981 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Regular Unleaded
Tank capacity gallons:	12000
Tank type:	Single Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	MORE FOR LESS #24
Address:	702 N LINCOLN WAY
City,State,Zip:	GALT, CA 95632
Facility ID:	FA0004758
Permitting Agency:	Sacramento County Environmental Management Department
CERSID:	10173907
Latitude:	38.2682800
Longitude:	-121.302670
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	Convenience Acquisition Co, LLC
Tank owner mailing address:	3336 Bradshaw Rd., Suite 260
Tank owner mailing city:	Sacramento
Tank owner mailing zip:	95827
Tank owner mailing state:	CA
Tank operator name:	Convenience Acquisition Co, LLC
Tank operator mailing address:	3336 Bradshaw Rd., Suite 260
Tank operator mailing city:	Sacramento
Tank operator mailing zip:	95827
Tank operator mailing state:	CA
Tankidnumber:	24484
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported

MORE FOR LESS #24 (Continued) **U004352800**

Tank installation date:	7/1/1981 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Regular Unleaded
Tank capacity gallons:	12000
Tank type:	Single Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	MORE FOR LESS #24
Address:	702 N LINCOLN WAY
City,State,Zip:	GALT, CA 95632
Facility ID:	FA0004758
Permitting Agency:	Sacramento County Environmental Management Department
CERSID:	10173907
Latitude:	38.2682800
Longitude:	-121.302670
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	Convenience Acquisition Co, LLC
Tank owner mailing address:	3336 Bradshaw Rd., Suite 260
Tank owner mailing city:	Sacramento
Tank owner mailing zip:	95827
Tank owner mailing state:	CA
Tank operator name:	Convenience Acquisition Co, LLC
Tank operator mailing address:	3336 Bradshaw Rd., Suite 260
Tank operator mailing city:	Sacramento
Tank operator mailing zip:	95827
Tank operator mailing state:	CA
Tankidnumber:	24485
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	7/1/1981 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Premium Unleaded
Tank capacity gallons:	12000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes

MORE FOR LESS #24 (Continued) **U004352800**

Tank alarms: No
Tank ball float: No
Tank spill bucket: Yes

B13 **MORE FOR LESS #183** **UST** **U004352799**
SSW **702 N LINCOLN WAY** **N/A**
1/8-1/4 **GALT, CA 95632**
0.182 mi.
960 ft. **Site 4 of 8 in cluster B**

Relative: UST:
Lower
Actual: Name: MORE FOR LESS #183
51 ft. Address: 702 N LINCOLN WAY
City,State,Zip: GALT, CA 95632
Facility ID: FA0004758
Permitting Agency: SACRAMENTO COUNTY
CERSID: Not reported
Latitude: 38.2683632450948
Longitude: -121.303009986877
Owner type: Not reported
Facility type: Not reported
Num of inuse ust: Not reported
Num of closed ust: Not reported
Num of oos ust: Not reported
Epa region: Not reported
Tribal lands: Not reported
Tank owner name: Not reported
Tank owner mailing address: Not reported
Tank owner mailing city: Not reported
Tank owner mailing zip: Not reported
Tank owner mailing state: Not reported
Tank operator name: Not reported
Tank operator mailing address: Not reported
Tank operator mailing city: Not reported
Tank operator mailing zip: Not reported
Tank operator mailing state: Not reported
Tankidnumber: Not reported
Tank status: Not reported
Tank configuration: Not reported
Tank closure date: Not reported
Tank installation date: Not reported
Tank num of compartments: Not reported
Tank contents: Not reported
Tank capacity gallons: Not reported
Tank type: Not reported
Tank pc construction: Not reported
Tank pwpiping construction: Not reported
Tank piping type: Not reported
Tank piping construction: Not reported
Tank sacrificial anode: Not reported
Tank cp impressed current: Not reported
Tank cp shutoff: Not reported
Tank alarms: Not reported
Tank ball float: Not reported
Tank spill bucket: Not reported

B14
SSW
1/8-1/4
0.182 mi.
960 ft.

Relative:
Lower

Actual:
51 ft.

FOOD & LIQUOR #183
702 N LINCOLN WAY
GALT, CA 94532

Site 5 of 8 in cluster B

Sacramento Co. CS
CERS HAZ WASTE
SWEEPS UST
HIST UST
CERS TANKS
CERS

U001612983
N/A

Sacramento Co. CS:

Name:	CHEAPER #183
Address:	702 N LINCOLN WAY
City,State,Zip:	GALT, CA
State Site Number:	F535
Lead Staff:	Bellan, J.
Lead Agency:	HM
Remedial Action Taken:	NO
Substance:	Automotive(motor gasoline and additives)
Date Reported:	10/31/1994
Facility Id:	RO0000713
Case Type:	Drinking Water Aquifer affected
Case Closed:	Not reported
Date Closed:	**Not reported**
Case Type:	**Aquifer used for drinking water supply affected**
Substance:	**Automotive(motor gasoline and additives)**

CERS HAZ WASTE:

Name:	MORE FOR LESS #24
Address:	702 N LINCOLN WAY
City,State,Zip:	GALT, CA 95632
Site ID:	50110
CERS ID:	10173907
CERS Description:	Hazardous Waste Generator

SWEEPS UST:

Name:	FOOD & LIQUOR #183
Address:	702 N LINCOLN WAY
City:	GALT
Status:	Active
Comp Number:	139486
Number:	1
Board Of Equalization:	44-019611
Referral Date:	10-25-88
Action Date:	10-25-88
Created Date:	10-25-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	34-000-139486-000001
Tank Status:	A
Capacity:	12000
Active Date:	10-25-88
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	4

Name:	FOOD & LIQUOR #183
Address:	702 N LINCOLN WAY
City:	GALT
Status:	Active
Comp Number:	139486

FOOD & LIQUOR #183 (Continued) **U001612983**

Number: 1
Board Of Equalization: 44-019611
Referral Date: 10-25-88
Action Date: 10-25-88
Created Date: 10-25-88
Owner Tank Id: 183-R
SWRCB Tank Id: 34-000-139486-000002
Tank Status: A
Capacity: 12000
Active Date: 10-25-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: FOOD & LIQUOR #183
Address: 702 N LINCOLN WAY
City: GALT
Status: Active
Comp Number: 139486
Number: 1
Board Of Equalization: 44-019611
Referral Date: 10-25-88
Action Date: 10-25-88
Created Date: 10-25-88
Owner Tank Id: 183-U
SWRCB Tank Id: 34-000-139486-000003
Tank Status: A
Capacity: 12000
Active Date: 10-25-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: FOOD & LIQUOR #183
Address: 702 N LINCOLN WAY
City: GALT
Status: Active
Comp Number: 139486
Number: 1
Board Of Equalization: 44-019611
Referral Date: 10-25-88
Action Date: 10-25-88
Created Date: 10-25-88
Owner Tank Id: Not reported
SWRCB Tank Id: 34-000-139486-000004
Tank Status: A
Capacity: 12000
Active Date: 10-25-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
Name: FOOD AND LIQUOR 183

FOOD & LIQUOR #183 (Continued) **U001612983**

Address: 702 NORTH LINCOLN
City,State,Zip: GALT, CA 95632
File Number: 0001fd11

URL:
Region: STATE
Facility ID: 00000069240
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 7077456691
Owner Name: CUSTOMER COMPANY
Owner Address: 1765 PARK ROAD
Owner City,St,Zip: BENICIA, CA 94510
Total Tanks: 0004

Tank Num: 001
Container Num: 183-R
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: WASTE
Type of Fuel: 2
Container Construction Thickness: X
Leak Detection: Stock Inventor, Pressure Test, 10

Tank Num: 002
Container Num: 183-U
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, Pressure Test, 10

Tank Num: 003
Container Num: 183-P
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, Pressure Test, 10

Tank Num: 004
Container Num: 183-D
Year Installed: 1981
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, Pressure Test, 10

Click here for Geo Tracker PDF:

CERS TANKS:
Name: MORE FOR LESS #24
Address: 702 N LINCOLN WAY

FOOD & LIQUOR #183 (Continued) **U001612983**

City,State,Zip: GALT, CA 95632
Site ID: 50110
CERS ID: 10173907
CERS Description: Underground Storage Tank

CERS:
Name: MORE FOR LESS #24
Address: 702 N LINCOLN WAY
City,State,Zip: GALT, CA 95632
Site ID: 50110
CERS ID: 10173907
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 50110
Site Name: More For Less #24
Violation Date: 11-28-2018
Citation: 23 CCR 16 2712(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(2)
Violation Description: Failure to maintain monitoring records for release detection and/or maintain records of appropriate follow-up actions.
Violation Notes: Returned to compliance on 01/30/2019. OBSERVATION: Owner/Operator did not maintain leak detection alarm logs and records of appropriate follow-up actions. The 87 turbine sump (VPH tank system) has an ongoing brine loss issue (see violation Q704). CORRECTIVE ACTION: Submit records of appropriate follow-up actions for the ongoing 87 turbine sump brine loss issue. NOTE: This violation applies to the 87 tank system.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-03-2022
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: OBSERVATION: Owner/Operator did not properly program/operate leak detection equipment. While testing the facility's sensors, the brine sensors for the E-85 Fill Sump and Bio-Diesel Fill Sump failed to produce an alarm and/or return back to it's normal state after being tested. The E-85 fill sump brine sensor did produce an alarm but it was observed that the float inside the sensor was removed from it's enclosure inside the brine liquid. The technician was able to repair the brine sensor for the E-85 fill sump. The Bio-Diesel Fill Sump's Brine sensor failed to produce a fuel alarm because the float inside the sensor was missing. This indicates that the Bio-Diesel's Fill Sump's Brine was not being monitored for an unknown amount of time. The last time this sensor produced an alarm was during the last monitoring certification, performed 03/08/2021. Facility is in violation of not ensuring monitoring systems installed are properly operating and continuously [Truncated]
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

FOOD & LIQUOR #183 (Continued) **U001612983**

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-06-2023
Citation:	HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description:	Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.
Violation Notes:	OBSERVATION: Owner/Operator did not maintain UST records in sufficient detail to enable the UPA to determine if UST systems are in compliance. There was no record found indicating the work that might have taken place when: VPH System: L4 87 STP Sensor Out: 2/6/2023 L5 87 STP Brine Low Liquid Alarm: 12/12/2022, 6/28/2022 L8 Diesel STP Sensor Out: 2/20/2023 L10 DISP Brine Low Liquid Alarm: 12/12/2022 L11 Annular Low Liquid Alarm: 12/12/2022 L12 87 Fill Fuel Alarm: 12/30/2022, 4/21/2022 L13 87 STP Brine Low Liquid Alarm: 12/12/2022 S4 communication Alarm: 11/29/2022, No Vac 2/12/2023, 2/17/2023 Q1 87 STP PLLD Shutdown: 2/6/2023x2 Q2 E85 STP PLLD Shutdown: 9/10/2022 NON-VPH System: L2 87 Master Fill Fuel Alarm: 12/27/2022x2 L4 87 Slave Fill Fuel Alarm: 1/8/2023 12/27/2022 L6 91 Fill Sump Fuel Alarm: 12/31/2022, 4/16/2022 L8 Diesel Fill Sump Fuel Alarm: 12/29/2022 L9 91 Annular Low Liquid Alarm: 11/4/2022x3 CORRECTIVE ACTION: Locate the work orders for [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	04-27-2018
Citation:	23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description:	Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not properly program/operate leak detection equipment. Per the technician onsite, there was no "Y" cable for the P.O.S. system. Because there was no "Y" cable, dispenser #13/14 could not be authorized. Since dispenser #13/14 could not be authorized, the technician was unable to get corresponding turbines (87, E-85 and biodiesel) running. Without running turbines, the turbine sump sensors requirement to shutdown the corresponding turbine could not be confirmed. CORRECTIVE ACTION: Repair/ replace UST components in order to get the 87, E-85 and biodiesel turbines running. Once the turbines are running conduct testing to confirm that the turbines shutdown when a leak is detected. NOTE: This violation applies to the 87, E-85 and biodiesel tank systems. NOTE: 48 hour testing notification is required for this testing event. NOTE: EMD has been notified and been onsite for three separate testing events on 04/04/2018, 04/27/2018 and The [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-12-2014
Citation:	HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95,

FOOD & LIQUOR #183 (Continued) **U001612983**

	Section(s) 25504(a)
Violation Description:	Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
Violation Notes:	Returned to compliance on 02/11/2017. OBSERVATION: Hazardous Materials Inventory Chemical Description pages for bio-diesel, propane and diesel don't accurately identfy storage pressure or stoarge temperature. . CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in this department's e-Reporting Portal or in the California Environmental Reporting System. OBSERVATION: The facility has not submitted the Hazardous Materials Inventory Chemical Description pages for waste fuel/ water or waste fuel filters to this department. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in this department's e-Reporting Portal or in the California Environmental Reporting System. OBSERVATION: Hazardous Materials Inventory Chemical Description page for E-85 and 87 fuel inaccurately identify storage temperature. CORRECTIVE ACTION: Complete [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-12-2014
Citation:	19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)
Violation Description:	Failure to complete and/or submit an annotated site map if required by CUPA.
Violation Notes:	Returned to compliance on 07/11/2017. OBSERVATION: The annotated site map submitted to this department does not include the location of fire extinguishers. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in this department's e-Reporting Portal or in the California Environmental Reporting System.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	04-27-2018
Citation:	23 CCR 16 2632(c)(2)(A)&(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(c)(2)(A)&(B)
Violation Description:	Failure to continuously monitor the interstitial space of a double-walled tank with an audible and visual alarm system.
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not continuously monitor the interstitial space of the tank, piping and/or sumps such that the leak detection activates an audible/visual alarm when a leak is detected. CORRECTIVE ACTION: Continuously monitor the interstitial space of the tank, piping and/or sumps such that the leak detection activates an audible/visual alarm when a leak is detected. Submit verification. See Q686.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

FOOD & LIQUOR #183 (Continued) **U001612983**

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-16-2017
Citation:	23 CCR 16 2644.1(a)(5) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(5)
Violation Description:	Failure to submit enhanced leak detection testing results to the State Water Board and the CUPA within 60 days of completion of the test.
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not submit ELD testing results for the 1 X single walled tank system to the Board or CUPA. Facility has been identified as being within 1000 feet of a public drinking water well. As a result, the Owner/Operator is required to conduct periodic ELD testing of their single walled tank system. CORRECTIVE ACTION: Submit all ELD testing results for the single walled tank system to the board and the CUPA. OBSERVATION: Owner/Operator did not submit ELD testing results for the 6 X double walled tank systems to the Board or CUPA. Facility has been identified as being within 1000 feet of a public drinking water well. As a result, the Owner/Operator is required to conduct ELD testing on all of their double walled tank systems. CORRECTIVE ACTION: Submit ELD testing results for the 6 X double walled tank systems to the board and the CUPA. NOTE: THIS VIOLATION APPLIES TO ALL SEVEN TANK SYSTEMS ONSITE.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	04-27-2018
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 01/30/2019. OBSERVATION: Owner/Operator did not submit accurate UST Tank information to CERS. The tank from issues are as follows: For all tank forms under "Recordkeeping" verify that the facility maintains "Visual Inspection Records" before selecting this option. Tank 24483: "Riser Pipe Secondary Containment" should be Fiberglass, the section directly below the "Tank Monitoring is Performed Using the Following Method(s)" should be blank because this is a single walled tank (the Automatic Tank Gauging section is accurate). Tank 24484: "Riser Pipe Secondary Containment" should be Fiberglass, the section directly below the "Tank Monitoring is Performed Using the Following Method(s)" should be blank because this is a single walled tank (the Automatic Tank Gauging section is accurate). Tank 24485: "Riser Pipe Secondary Containment" should be Fiberglass, the section directly below the "Tank Monitoring is Performed Using the Following Method(s)" should be blank because this is a [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-06-2019
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7,

FOOD & LIQUOR #183 (Continued) **U001612983**

	Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	Returned to compliance on 06/03/2021. OBSERVATION: The 91 spill bucket failed today's testing event. CORRECTIVE ACTION: Repair/ replace and retest failed spill bucket and submit passing test as results as proof of compliance. NOTE: This violation applies to the 91 tank system.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-09-2017
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	Failure to test the spill bucket annually.
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: Annual spill container testing for the two 87, 91 and Diesel UST systems was last performed on 3/8/16 and was completed on 3/9/17, 1 day past due. This test is required once every 12 months. CORRECTIVE ACTION: Submit test results within 30 days of testing to this department
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	02-15-2023
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 02/15/2023. OBSERVATION: At the time of inspection, one of the hazardous waste drums was observed missing a hazardous waste label. The hazardous waste label on the hazardous waste drum required information such as address of the generator, composition, physical state, hazardous properties, and starting accumulation date. CORRECTIVE ACTION: This violation is closed, assistant manager added the hazardous waste label with the required information during the inspection. Moving forward, ensure the hazardous waste drum is labeled with the required information.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,

FOOD & LIQUOR #183 (Continued) **U001612983**

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-27-2015
Citation:	23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)
Violation Description:	Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.
Violation Notes:	Returned to compliance on 07/20/2016. OBSERVATION: The S1, 87 Product and S4, Bio-Diesel Product Smart Sensors went into alarm every month from March 27, 2015 to back to January 2013. This includes today, as these sensors were in alarm upon arrival. These UST System Smart Sensor Vacuum Zones are leaking and you are required to investigate and make repairs to correct the problem. All UST System Smart Sensor Vacuum Zones must not continuously leak or degrade beyond the manufactures operating specification. CORRECTIVE ACTION: Repair or replace the S1, 87 Product and S4, Bio Diesel Product Smart Sensors and/or vacuum tubing to restore the UST Vacuum Monitoring Systems to operate within the manufacturers specification. SEND A WRITTEN WORK PLAN THAT INCLUDES A DETAILED EXPLANATION OF THE PROBLEM, WITH S1 AND S4, AND INCLUDE A SOLUTION THAT WILL KEEP THE S1 AND S4 UST MONITORING ZONES PROPERLY MONITORED PER MANUFACTURER SPECIFICATIONS. REPEAT VIOLATION: You were notified of this violation on April 24, 2014 and [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-27-2015
Citation:	23 CCR 16 2643(b)(5) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(5)
Violation Description:	Failure to conduct the 0.2 gallons per hour continuous in tank leak detection test.
Violation Notes:	Returned to compliance on 03/08/2016. OBSERVATION: Owner/Operator did not conduct the 0.2 gallons per hour continuous in tank leak detection test. No results can be documented for the past three years! CORRECTIVE ACTION: Conduct the 0.2 gallons per hour continuous in tank leak detection test. SUBMIT PASSING TEST RESULTS! REPEAT VIOLATION: THIS IS A REPEAT VIOLATION! YOU HAVE 14-DAYS TO PRODUCE 0.2 GALLON PER HOUR LEAK TEST RESULTS FOR TANK 1 - UL MASTER EAST, TANK 2 - UL SLAVE WEST AND TANK 3 - DIESEL! SEND PASSING TEST RESULTS!
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	02-15-2023
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	OBSERVATION: The Hazardous Materials Business Plan (HMBP) was not reviewed and electronically certified by the annual due date of

FOOD & LIQUOR #183 (Continued) **U001612983**

10/7/2022 that it is complete, accurate, and in compliance with EPCRA. The facility did not submit the annual HMBP for 2022 until 1/19/2023. In addition, the facility did not submit the 2021 annual HMBP on CERS. CORRECTIVE ACTION: Review, revise, and submit and certify the HMBP electronically in the California Environmental Reporting System. On an ongoing basis, electronically submit and certify the HMBP annually on or before the annual due date.

Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-06-2023
Citation: 23 CCR 16 2715(c)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(4)
Violation Description: Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA. For training that occurs on or after October 1, 2018, failure to maintain a copy of the "Facility Employee Training Certificate" on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes: OBSERVATION: Owner/Operator did not maintain a copy of the "Facility Employee Training Certificate" on-site or off-site at a readily available location. Per monthly DO report, the employees were trained on 4/4/2022, however, the training document was not observed at the time of inspection. CORRECTIVE ACTION: Locate the copy of the 2022 employee training document and submit the training to this department as a demonstration of compliance. Moving forward, maintain copies of the "Facility Employee Training Certificate" on-site or off-site at a readily available location. NOTE: THIS VIOLATION APPLIES TO ALL SEVEN TANK SYSTEMS ON-SITE.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 05-25-2018
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: Failure to test the spill bucket annually.
Violation Notes: Returned to compliance on 05/25/2018. OBSERVATION: Owner/Operator did not test the spill bucket annually and/or submit the results within 30 days of the test. The diesel spill bucket failed the annual testing event on 04/27/2018. The diesel spill bucket was not tested during the 05/10/2018 testing event due to a faulty drain plug that would have prevented the spill bucket from passing the testing event. NOTE: This violation applies to the diesel tank system. NOTE: The diesel spill bucket was replaced and retested during today’s inspection.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 02-15-2023

FOOD & LIQUOR #183 (Continued) **U001612983**

Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: OBSERVATION: The facility did not report all reportable quantities of hazardous material inventory on the California Environmental Reporting System (CERS). The flammable waste solid drums (2x55 gal) are not reported on CERS. CORRECTIVE ACTION: Add the reportable quantities of hazardous materials to the Hazardous Material Inventory on CERS and submit.

_____ OBSERVATION: The hazardous material inventory submitted on the California Environmental Reporting System (CERS) is inaccurate. The maximum daily amount for the waste gasoline is inaccurate per inspection. CORRECTIVE ACTION: Revise the information on CERS and submit.
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-12-2014
Citation: 23 CCR 16 2643(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(2)
Violation Description: Failure of the automatic tank gauge to test the tank at least once per month when the product level in the tank is at least three feet and shall be capable of detecting a release of 0.1 gallons per hour.
Violation Notes: Returned to compliance on 05/23/2014. OBSERVATION: Owner/Operator did not maintain automatic tank gauge (ATG) so that it tests the tank at least once per month when the product level in the tank is at least three feet and capable of detecting a release of 0.1 gallons per hour (gph). CORRECTIVE ACTION: If ATG 0.1gph single wall tank test method then maintain automatic tank gauge so that it tests the tank at least once per month when the product level in the tank is at least three feet and capable of detecting a release of 0.1 gallons per hour.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-06-2019
Citation: HSC 6.7 25294 - California Health and Safety Code, Chapter 6.7, Section(s) 25294
Violation Description: Failure to record any unauthorized release from the primary containment.
Violation Notes: Returned to compliance on 05/25/2023. OBSERVATION: Owner/Operator did not record and/or report suspected or actual unauthorized release in appropriate time frame. The 87 turbine sump (VPH tank) has an ongoing brine loss issue. Due to brine observed within the sump, it is believed that brine is only being released into the interior of the sump and not the exterior of the sump. The brine loss issue is currently under investigation. If it is determined that there has been a release to the exterior of the sump the unauthorized release protocol will need to be implemented immediately. CORRECTIVE ACTION:

FOOD & LIQUOR #183 (Continued) **U001612983**

	Report a suspected or actual unauthorized release in appropriate time frame. NOTE: This issue applies to the 87 tank (VPH) system.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	11-28-2018
Citation:	HSC 6.7 25290.1(e)2 - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(e)2
Violation Description:	Failure to maintain the interstitial space such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment, i.e., vapor, pressure, hydrostatic (VPH) monitoring.
Violation Notes:	Returned to compliance on 01/30/2019. OBSERVATION: Owner/Operator did not maintain the interstitial space under constant vacuum, pressure, or hydrostatic such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment. During the UST inspection on April 27, 2018, the inspection report noted that the 87 turbine sump (VPH tank system) was "full of brine and the brine reservoir was near empty" of brine. This report goes onto state that the the 87 "brine reservoir was filled to capacity" during the inspection on April 27, 2018. During today's inspection, the 87 turbine sump was opened. The brine reservoir was near empty of brine and there was brine within the sump. Based on this observation along with past indicators, it appears that the 87 turbine sump is leaking brine. CORRECTIVE ACTION: Have a properly licensed, trained and certified contractor repair/ replace the failed component(s) with [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-03-2022
Citation:	HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	OBSERVATION: Financial responsibility documents have not been submitted to the CUPA. Current financial responsibility documents are required to be submitted annually. Facility's last CERS Submittal was made on: 09/03/2020. Facility's current Lead User is no longer with the company. According to the store manager, the CFO has passed away since last June. Because of this change, nobody in the company has access to the CERS Submittal. Facility representatives shall request access to the facility's CERS profile: 10173907 and update the new contact information accordingly. Access your facility by creating a username/password using: http://cers.calepa.ca.gov and "Request Access to Existing Facility" and search the CERS ID. CORRECTIVE ACTION: Complete and submit a copy of the financial responsibility by 04/03/2022. *This violation applies to all tank systems maintained on site.*

FOOD & LIQUOR #183 (Continued) **U001612983**

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 08-18-2017
Citation: 23 CCR 16 2644.1(a)(5) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(5)
Violation Description: Failure to submit enhanced leak detection testing results to the State Water Board and the CUPA within 60 days of completion of the test.
Violation Notes: Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not submit ELD testing results to the Board and/or CUPA. The State Water Resource Control Board (SWRCB), based on information obtained from the SWRCB Geographical Information System (GIS), has determined that your facility s underground storage tank(s) (UST)(s) is located within 1000 feet of a public drinking water well(s). As a result of the UST(s) proximity to a public drinking water well(s) your facility is required to conduct Enhanced Leak Detection (ELD) Testing. In May of 2008, SWRCB notified your facility (via certified mail) of its obligation to conduct ELD testing or submit a Request for Reconsideration (RFR). The RFR should have been submitted to SWRCB if a facility determined that the UST system is not subject to ELD testing requirements. As proof of compliance with the 2008 SWRCB notification mentioned above, facilities were required to submit completed ELD test results or an approved RFR to this department. As of the [Truncated]
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-06-2023
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes: Returned to compliance on 05/25/2023. OBSERVATION: Monitoring equipment shall be maintained to be able to detect a leak at the earliest possible opportunity. The diesel (non-VPH) fill sump sensor and 91 fill sump sensor were not placed to detect a leak at the earliest possible opportunity, the sensors were sitting on top of the tank top. CORRECTIVE ACTION: The technician has placed the sensor in the sump in such a way that it may detect a leak at the earliest opportunity after testing. Moving forward, ensure sensors are required to be maintained upright and placed at the lowest point of opportunity to detect a leak. Ensure that all sensors stay in the correct position. NOTE: THIS VIOLATION APPLIES TO 91 (NON-VPH) TANK AND DIESEL (NON-VPH) TANK SYSTEMS ON-SITE. NOTE: Due to the nature/significance of this violation, enforcement action may be taken.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24

FOOD & LIQUOR #183 (Continued) **U001612983**

Violation Date:	04-24-2014
Citation:	23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)
Violation Description:	Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.
Violation Notes:	Returned to compliance on 07/20/2016. OBSERVATION: The S1, 87 Product and S4, Bio-Diesel Product Smart Sensors went into alarm every month from April 2014 back to January 2013. These UST System Smart Sensor Vacuum Zones are leaking and you are required to investigate and make repairs to correct the problem. All UST System Smart Sensor Vacuum Zones must not continuously leak or degrade beyond the manufactures operating specification. CORRECTIVE ACTION: Repair or replace the S1, 87 Product and S4, Bio Diesel Product Smart Sensors and/or vacuum tubing to restore the UST Vacuum Monitoring Systems to operate within the manufacturers specification.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-06-2019
Citation:	23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description:	Failure to submit or maintain a current facility plot plan.
Violation Notes:	Returned to compliance on 06/03/2021. OBSERVATION: Owner/Operator did not submit an accurate plot plan to the California Electronic Reporting System (CERS). The plot plan in CERS does not include the VPH tanks annular sensor and there is no piping identified. CORRECTIVE ACTION: Submit a complete/accurate plot plan to CERS. NOTE: This violation applies to all seven tank systems onsite. NOTE: Please notify Brion McGinness at mcginnessb@saccounty.net following correction of this violation.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-06-2019
Citation:	23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description:	Failure to submit the Designated Underground Storage Tank Operator Identification Form within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes:	Returned to compliance on 03/08/2021. OBSERVATION: The signed statement indicating owner compliance with UST requirements and identifying DO submitted to the California Electronic Reporting System (CERS) is not current. CORRECTIVE ACTION: Submit a current signed statement indicating owner compliance with UST requirements and identifying DO submitted to CERS. NOTE: This violation applies to all seven tank systems onsite. NOTE: Please notify Brion McGinness at mcginnessb@saccounty.net following correction of this violation.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

FOOD & LIQUOR #183 (Continued) **U001612983**

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	02-15-2023
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	OBSERVATION: The site map submitted on the California Environmental Reporting System (CERS) has missing information. 1. There were five fire extinguishers observed at the facility during the inspection, however, there is only three fire extinguishers labeled on the site map. 2. The first aid kit is not labeled on the site map. 3. The storm drain on the street (on Pringle Ave) not labeled. CORRECTIVE ACTION: Update the site map to reflect the current information, upload the updated site map to CERS and submit.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-06-2023
Citation:	HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)
Violation Description:	Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.
Violation Notes:	Returned to compliance on 03/29/2024. OBSERVATION: Owner/Operator failed to keep water out of the secondary containment. Liquid was observed in the 87 STP sump and E-85 STP sump during the inspection. If water could enter into the secondary containment by precipitation or infiltration, it must be removed and disposed of properly. CORRECTIVE ACTION: Submit documentation to this department as demonstration of compliance. This violation is closed. Moving forward, ensure all secondary containment free of water. NOTE: The Bio-diesel spill bucket contains water after testing. The hazardous waste liquid drums were full. NOTE: THIS VIOLATION APPLIES TO VPH TANK SYSTEMS ON-SITE. NOTE: THIS IS A REPEAT VIOLATION 14 DAYS TO GAIN COMPLIANCE. NOTE: Repeat and recalcitrant violations may be subject to enforcement action.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-04-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/17/2020. OBSERVATION: The annotated site map submitted to this department does not include the following four storm/ sewer drains: north entrance/ exit, at the south entrance/ exit, the west side of property and the rear of the facility. CORRECTIVE ACTION: Revise the annotated Site Map to include all required content and submit electronically in the California Environmental Reporting System. NOTE: Please notify Brion McGinness at

FOOD & LIQUOR #183 (Continued) **U001612983**

mcginnessb@saccounty.net following correction of this violation.
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-06-2019
Citation: HSC 6.7 25290.1(e)2 - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(e)2
Violation Description: Failure to maintain the interstitial space such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment, i.e., vapor, pressure, hydrostatic (VPH) monitoring.
Violation Notes: Returned to compliance on 03/06/2019. OBSERVATION: Owner/Operator did not maintain the interstitial space under constant vacuum, pressure, or hydrostatic such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment. The 87 product piping secondary (S1) has been in no vacuum alarm since May 30, 2018. The 87 turbine is non-operational and as a result can not pull vacuum. CORRECTIVE ACTION: Maintain the interstitial space under constant vacuum, pressure, or hydrostatic such that a breach in the primary or secondary containment is detected. Submit documentation (work orders, written statements, etc.) proving that the 87 product piping secondary (S1) will be maintained under constant vacuum. NOTE: This violation applies to the 87 tank (VPH) system. NOTE: This is a repeat violation. OBSERVATION: Owner/Operator did not maintain the interstitial space under constant vacuum, pressure, [Truncated]
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-03-2022
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: "Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes: OBSERVATION: Owner/Operator did not maintain entry fitting such that it properly seals to the containment. Facility's Diesel Spill Bucket was tested using the lake method. The O-Ring inside the fill cap was missing and allowed liquid to enter the tank. The spill bucket was able to containerize 5 gallons and passed the lake test, however, facility shall obtain a new fill cap. The testing company had to remove one cap from other tank systems to test the bucket at time of

FOOD & LIQUOR #183 (Continued) **U001612983**

inspection. *This violation applies to the Diesel Tank (NON-VPH) system* CORRECTIVE ACTION: Maintain entry fitting such that it properly seals to the containment. Submit verification.

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-06-2023
Citation: HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: OBSERVATION: The Chief Financial Officer Letter dated 2/4/2020 has expired. Current financial responsibility documents are required to be submitted annually. CORRECTIVE ACTION: Complete and submit a copy of the Chief Financial Officer Letter to the California Environmental Reporting System. Chief Financial Officer Letter Template: https://emd.saccounty.net/EMDForms/Documents/UST_CFO_Letter_sample.pdf NOTE: THIS VIOLATION APPLIES TO ALL SEVEN TANK SYSTEMS ON-SITE. NOTE: THIS IS A REPEAT VIOLATION 14 DAYS TO GAIN COMPLIANCE.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-06-2023
Citation: HSC 6.7 25290.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(e)
Violation Description: Failure to maintain the interstitial space such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment, i.e., vapor, pressure, hydrostatic (VPH) monitoring.
Violation Notes: Returned to compliance on 08/31/2023. OBSERVATION: Owner/Operator did not maintain the interstitial space under constant vacuum, pressure, or hydrostatic monitoring such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment. The bio-diesel fill brine sensor failed to produce an alarm when tested, it was observed the float inside the sensor was missing. The technician did not have a replacement for the sensor at the time of inspection. CORRECTIVE ACTION: Submit documentation to this department showing the date the component was certified/repaired/replaced, and the license number of the contractor or tank tester performing the work. NOTE: THIS VIOLATION APPLIES TO BIO-DIESEL TANK SYSTEM ON-SITE.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-06-2023
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter

FOOD & LIQUOR #183 (Continued) **U001612983**

16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: OBSERVATION: There is inaccurate information on the monitoring information section submitted on the California Environmental Reporting (CERS). The Personnel Responsibilities information is inaccurate on the monitoring information section of the underground storage tank, the First Person Having Responsibility submitted on CERS are no longer with the company. The Second Person Having Responsibility is blank. CORRECTIVE ACTION: Revise the information to reflect the updated contact information on CERS and submit.

_____ OBSERVATION: The monitoring tank information submitted on the California Environmental Reporting System (CERS) has inaccurate information. The UST Monitoring Plan for the diesel tank and 91 tank are inaccurate per inspection. The STP sump sensor observed at the time of inspection for the diesel tank and 91 tank is a 420 not a 208. CORRECTIVE [Truncated]
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-16-2017
Citation: 23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes: Returned to compliance on 04/09/2017. OBSERVATION: Annual monitoring system certification testing of the biodiesel tank system was last performed on March 21, 2016. During today's monitoring certification biodiesel turbine was inoperable. Because the turbine could not be activated, the only testing of the biodiesel tanks system was the turbine and fill sump brine sensors, no other monitoring equipment for the biodiesel tank system was tested. Testing of the entire biodiesel tank system is required once every 12 months. CORRECTIVE ACTION: Immediately schedule these tests and provide 48 hours notification to the CUPA. Please be aware that a follow up inspection will be charged at our current hourly rate. NOTE: THIS VIOLATION APPLIES TO THE BIODIESEL TANK SYSTEM. NOTE: EMD WILL NEED TO BE PRESENT FOR THIS TESTING EVENT.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 04-27-2018
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes: Returned to compliance on 10/17/2018. OBSERVATION: The UDC sensor for dispenser #7/8 failed to stop the flow of product at the dispenser

FOOD & LIQUOR #183 (Continued) **U001612983**

when tested to ensure continuous monitoring of the tank system. All monitoring equipment shall be maintained to activate an audible and visual alarm or stop the flow of product at the dispenser when it detects a leak. CORRECTIVE ACTION: Correct immediately by having a properly licensed, trained, and certified contractor replace the failed component with a functional component (LG 113-x listed, if applicable). Submit proof of compliance to this department. NOTE: This violation applies to both 87 tanks and 91 tank systems.

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-16-2017
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes: Returned to compliance on 04/17/2017. OBSERVATION: Owner/Operator did not locate sensors in the proper location/position. All three turbine sump sensors and all three fill sump sensors were not located at the lowest point within the sumps. CORRECTIVE ACTION: Locate sensors in the proper position/location. NOTE: THIS VIOLATION APPLIES TO THE E-85, BIODIESEL AND THE REGULAR TANK SYSTEMS. NOTE: SENSORS IN A SIX SUMPS WERE PROPERLY LOCATED AT THE TIME OF INSPECTION.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-11-2015
Citation: Un-Specified
Violation Description: UST Program - Operations/Maintenance - For use of Local Ordinance only.
Violation Notes: Returned to compliance on 06/02/2015. OBSERVATION: The Master 87 product (tank #1) spill bucket has failed to be certified as required. CORRECTIVE ACTION: Repair/Replace the master 87 spill bucket (tank #1), re-test, and notify the County c/o Mr.Steele of the results.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-04-2020
Citation: 23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Description: "Failure to submit a copy of the overfill prevention equipment inspection results on the Overfill Prevention Equipment Inspection Report Form to the UPA within 30 days after the inspection. "
Violation Notes: Returned to compliance on 05/25/2023. OBSERVATION: The Overfill Prevention Equipment Inspection Report Form submitted to this department does not include the inspection procedures and all documentation required to determine the identified results. CORRECTIVE ACTION: Resubmit the Overfill Prevention Equipment Inspection Report

FOOD & LIQUOR #183 (Continued) **U001612983**

	Form and include the inspection procedures and all documentation required to determine the identified results. NOTE: This violation applies to all seven tank systems onsite.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-04-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/17/2020. OBSERVATION: The Hazardous Materials Inventory Chemical Description page for regular 87 octane fuel should identify the Max. Daily as 30,000 gallons not 20,000 gallons. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System. NOTE: Please notify Brion McGinness at mcginnessb@saccounty.net following correction of this violation.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-04-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	OBSERVATION: There are 2 X 55 drums full of liquid at the rear of the store. One of those drums has been identified as containing test water. The other drum does not include a label that identifies the contents of the drum. CORRECTIVE ACTION: Submit photos to this department demonstrating that the container listed above has been properly labeled.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-11-2015
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to maintain on site an approved monitoring plan.
Violation Notes:	Returned to compliance on 07/11/2017. OBSERVATION: The Monitoring Plan has incorrect information based on today's on-site verification. Pertaining to the Regular Unleaded (Tanks 1 & 2) and diesel tanks only, all these changes will be the same on each form: Tank Monitoring

FOOD & LIQUOR #183 (Continued) **U001612983**

is not continuous electronic monitoring (single wall therefore no annular sensors). Automatic Tank Gauging includes programmed tank test of .1 gph annually and .2 gph monthly (CSLD tests). UDC leak sensor model is 001 as described (UDC 1/2, 9/10, & 11/12) and Universal DLS-01-24 on the other UDCs. Just list the two types. UDC construction is single walled, no secondary containment monitoring, and therefore no alarms. Periodic System testing includes secondary containment testing. Suggestion: list Pam Mittelstadt as second person having responsibility (asst mgr). Pertaining to the 91 product tank (#3) the tank monitoring includes leak sensor model 301 made by Veeder Root. Other corrections correspond to those for other tanks except for [Truncated]

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 04-24-2014
Citation: 23 CCR 16 2643(b)(5) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(5)
Violation Description: Failure to conduct the 0.2 gallons per hour continuous in tank leak detection test.
Violation Notes: Returned to compliance on 04/24/2014. See violation Q694 dated 3-12-2014. Conduct this testing immediately to gain compliance.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-16-2017
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Description: Failure to submit or update a plot plan.
Violation Notes: Returned to compliance on 07/11/2017. OBSERVATION: Owner/Operator did not submit a complete/accurate plot plan to CERS. The plot plan does not include UST piping, sensors, line leak detectors or emergency shut-offs. CORRECTIVE ACTION: Submit a complete/accurate plot plan to CERS. NOTE: THIS VIOLATION APPLIES TO THE E-85, BIODIESEL AND THE REGULAR TANK SYSTEMS. NOTE: PLEASE CONTACT BRION MCGINNESS AT MCGINNESSB@SACCOUNTY.NET FOLLOWING CORRECTION OF THIS VIOLATION.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-06-2023
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: "Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months

FOOD & LIQUOR #183 (Continued) **U001612983**

thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "

Violation Notes: Returned to compliance on 08/31/2023. OBSERVATION: Owner/Operator failed to meet one or more of the following spill container requirements: install or maintain spill container which is liquid-tight, has a minimum capacity of five gallons, has a functional drain valve or other method for the removal of liquid from the spill container, and is resistant to galvanic corrosion; did not perform tightness test at installation, every 12 months thereafter, or within 30 days after a repair; did not have tested using manufacturer's guidelines, industry codes, engineering standards, or method approved by PE, or was not tested by a certified UST service technician; or failed to maintain testing records for 36 months. The 87 tank spill bucket and E-85 spill bucket did not maintain liquid tight during the inspection, the cap was loose and the technician did not have replacement. CORRECTIVE ACTION: Submit documentation to this department showing the date the component was certified/repaired/replaced, and the license of [Truncated]
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-08-2021
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description: Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes: Returned to compliance on 03/08/2021. OBSERVATION: Owner/Operator did not provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/ortrain new employee(s) who are responsible for proper operation and maintenance within 30-days of hireand/or at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system. Employee training was not current between June 24, 2020 through February 4, 2021. CORRECTIVE ACTION: Provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/ortrain new employee(s) who are responsible for proper operation and maintenance within 30-days of hireand/or at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system. NOTE: This violation applies to all seven tank systems onsite. NOTE: This violation was corrected as a result of the employee training [Truncated]
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 05-25-2018
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23,

FOOD & LIQUOR #183 (Continued) **U001612983**

	Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 05/25/2018. OBSERVATION: Owner/Operator did not repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. The 87 line leak detector failed to detect a leak when tested. CORRECTIVE ACTION: Repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. NOTE: This violation applies to the 87 tank system. NOTE: This is a repeat violation. NOTE: The siphon jet for the 87 turbine was replaced and the LLD retested at the time of inspection. OBSERVATION: Owner/Operator did not repair/maintain pressurized piping to meet one or more of the following [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-21-2016
Citation:	Un-Specified
Violation Description:	UST Program - Operations/Maintenance - For use of Local Ordinance only.
Violation Notes:	Returned to compliance on 03/09/2017. OBSERVATION: At the time of the Monitor Certification on 3/21/16, the 87 alternative fuel spill bucket failed to be certified as required. REQUIRED ACTION: Repair/ Replace the alternative fuel 87 spill bucket, re-test, and send results to the County c/o Mr. Steele to show compliance. Note: This NOV is being sent certified mail as of 4/07/16. Repair attempts with partial results have been attempted on 4/01/16 - see correspondence to EMD on 4/04/16 from BZ Maintenance below: Friday we were back out at More For Less at 702 N Lincoln, Galt to finish the monitor. WE were able to repair/retest the unl spill bucket and the e-85 brine communication. The unl stp communication was not repaired. There is a blockage internally. The sump will drain, but the cup will not. THe tech was unable to blow out the obstruction. I have attached photos. I will be notifying the site that troubleshooting/repairs are needed for this to be completed. Thanks Emily [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-03-2022
Citation:	HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description:	Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.

FOOD & LIQUOR #183 (Continued) **U001612983**

Violation Notes:	This is a repeat violation. OBSERVATION: The facility has had multiple alarms in the last year for the tank systems maintained on site. When reviewing the work orders, there were no details beyond: "BZ cleared the alarm" as the corrections taken to address the sensors. Facility shall ensure sufficient maintenance is completed on the tank systems if an alarm is evident. CORRECTIVE ACTION: Within the time frame noted above, provide a statement to indicate how facility will address alarms moving forward and ensure work orders are specific when addressing any tank related alarms. *This violation applies to all tank systems maintained on site.*
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	04-27-2018
Citation:	23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description:	Failure to submit the UPA. of the designated operator (DO) identification and/or change of the DO within 30 days.
Violation Notes:	Returned to compliance on 11/27/2018. OBSERVATION: The signed statement indicating owner compliance with UST requirements and identifying DO submitted to CERS includes expired DO certification dates. The signed statement indicating owner compliance with UST requirements and identifying DO must be maintained current. CORRECTIVE ACTION: Update signed statement indicating owner compliance with UST requirements and identifying DO and submit to CERS. NOTE: This violation applies to all seven tank systems onsite. NOTE: Please notify Brion McGinness at mcginnessb@saccounty.net following correction of this violation.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-06-2023
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to submit or maintain a current facility plot plan.
Violation Notes:	OBSERVATION: The monitoring site plan submitted on the California Environmental Reporting System (CERS) has missing information. The monitoring site plan must show the general layout of tanks and identify locations of the monitoring panel, and all leak detection equipment and monitoring locations. The line leak detectors are not labeled on the monitoring site plan. CORRECTIVE ACTION: Revise the monitoring site plan, upload the updated monitoring site plan to CERS and submit. NOTE: THIS VIOLATION APPLIES TO ALL SEVEN TANK SYSTEMS ON-SITE.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-09-2017

FOOD & LIQUOR #183 (Continued) **U001612983**

Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes:	Returned to compliance on 11/27/2018. OBSERVATION: The UDC 3/4 stand alone sensor failed to stop the flow of product at he dispenser for the two 87, 91 and diesel UST systems. All monitoring equipment shall be maintained to activate an audible and visual alarm or stop the flow of product at the dispenser when it detects a leak. CORRECTIVE ACTION: Correct immediately by having a properly licensed, trained, and certified contractor replace the failed component with a functional component and obtain a permit from this department before work is performed.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-16-2017
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not maintain the double wall pressurized piping in the turbine sump to be continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected. During today's monitoring certification biodiesel turbine was inoperable. Because the turbine could not be activated, the only testing of the biodiesel tanks system was the turbine and fill sump brine sensors, no other monitoring equipment for the biodiesel tank system was tested. CORRECTIVE ACTION: Maintain the double wall pressurized piping in the turbine sump to be continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected. Submit verification. NOTE: THIS ISSUE APPLIES TO THE BIODIESEL TANK SYSTEM.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-03-2022
Citation:	HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)
Violation Description:	Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.
Violation Notes:	OBSERVATION: Liquid was observed in the Bio-Diesel, E-85, 87 turbine sumps. If water could enter into the secondary containment by precipitation or infiltration, it must be removed and disposed of properly. The tank systems noted are all VPH monitored and shall be free of liquid/debris as required. *This violation applies to the Bio-Diesel, E-85 and 87 Tank Systems (VPH ONLY)* CORRECTIVE ACTION: Immediately remove this liquid, make a hazardous waste determination

FOOD & LIQUOR #183 (Continued) **U001612983**

per Title 22 hazardous waste regulations, and manage it accordingly. Ensure that the [note which piping, fill, or UDC sump] sump [or tank annular] is maintained free of liquid.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 04-27-2018
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not maintain leak detection equipment with an audible and visual alarm. CORRECTIVE ACTION: Maintain leak detection equipment with an audible and visual alarm. See Q686.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 02-15-2023
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: OBSERVATION: Initial and annual employee training in safety procedures in the event of a release or threatened release of a hazardous material including familiarity with the emergency response plan has not been provided, documented and training records were not maintained for a minimum of three years. There was no employee training record observed at the time of inspection. CORRECTIVE ACTION: Establish and electronically submit an employee training program containing provisions to ensure initial and annual training for all applicable employees in safety procedures in the event of a release or threatened release of a hazardous material and release reporting procedures. Submit documentation to this department demonstrating appropriate personnel have received training and maintain ongoing annual training records for a minimum of three years.
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 04-24-2014
Citation: 23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description: Failure to conduct the monthly 0.2 gallons per hour automatic tank gauging test on a single wall tank and/or failure of the automatic tank gauge to generate and print a hard copy of the monthly 0.2 gallons per hour test.

FOOD & LIQUOR #183 (Continued) **U001612983**

Violation Notes:	Returned to compliance on 04/24/2014. See violation Q695 dated 3-12-2014. Conduct this testing immediately to gain compliance.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-08-2021
Citation:	HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	OBSERVATION: Facility has submitted incompatible financial responsibility documents in the California Electronic Reporting System. Facility is utilizing a Chief Financial Officer Letter but references a Certificate of Deposit on the Financial Responsibility Coverage document. CORRECTIVE ACTION: Update financial responsibility documents accordingly and submit in the California Electronic Reporting System. NOTE: This violation applies to all seven tank systems onsite. NOTE: Please notify Brion McGinness at mcginnessb@saccounty.net following correction of this violation.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-06-2023
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Response Plan.
Violation Notes:	OBSERVATION: The response plan submitted on the California Environmental Reporting System (CERS) is inaccurate. The responsible person listed on the response plan is no longer at this location. CORRECTIVE ACTION: Update the response plan to reflect the updated contact information on CERS and submit. UST Response Plan Template: https://www.unidocs.org/hazmat/ust/misc/un-022b.pdf NOTE: THIS VIOLATION APPLIES TO ALL SEVEN TANK SYSTEMS ON-SITE.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-16-2017
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:Monitor at least hourly.Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 04/17/2017. OBSERVATION: Owner/Operator did not repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the

FOOD & LIQUOR #183 (Continued) **U001612983**

flow of product through the piping or trigger an alarm when a release occurs. The 87 line leak detector failed to detect a leak when tested. CORRECTIVE ACTION: Repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. NOTE: THE 87 LLD WAS PURGED AND RETESTED DURING TODAY'S MONITORING CERTIFICATION. NOTE: THIS VIOLATION APPLIES TO THE 87 TANK SYSTEM.

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-12-2014
Citation: 23 CCR 16 2643(b)(5) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(5)
Violation Description: Failure to conduct the 0.2 gallons per hour continuous in tank leak detection test.
Violation Notes: Returned to compliance on 04/24/2014. OBSERVATION: Owner/Operator did not conduct the 0.2 gallons per hour (gph) continuous in tank leak detection test. CORRECTIVE ACTION: If 0.2 gph continuous leak detection is used to monitor single wall tankss then conduct the 0.2 gallons per hour continuous in tank leak detection test. Submit test results.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 05-10-2018
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 11/27/2018. OBSERVATION: Owner/Operator did not repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. The 87 line leak detector was not tested during today's testing event. CORRECTIVE ACTION: Repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. NOTE: This issue applies to the 87 tank system. NOTE: The 87 LLD must be tested in a timely manner to address this issue. OBSERVATION: Owner/Operator did not repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of [Truncated]
Violation Division: Sacramento County Env Management Department

FOOD & LIQUOR #183 (Continued) **U001612983**

Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-09-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/27/2018. OBSERVATION: 55 gallon drum of petroleum absorbent/solids located in the back of the C-Store was observed without the following information on the label: contents of drum. CORRECTIVE ACTION: Submit photos to this department demonstrating that the container listed above has been properly labeled.
Violation Division: Sacramento County Env Management Department
Violation Program: HW
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-04-2020
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: OBSERVATION: There are 2 X 55 drums, full of liquid at the rear of the store. One of these drums has been identified as containing test water. The other drum does not include a label and the contents of the drum have not been characterized. Submit documentation to this department demonstrating that the described waste has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit a manifest/receipt documenting proper disposal and a statement demonstrating how you will manage it in the future. Keep the test results, waste analyses, or other determinations at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal.
Violation Division: Sacramento County Env Management Department
Violation Program: HW
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-03-2022
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: See Q686
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

FOOD & LIQUOR #183 (Continued) **U001612983**

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-06-2019
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes:	Returned to compliance on 06/03/2021. OBSERVATION: The sensor in under dispenser containment #1/2 failed to shut down the dispenser when tested to ensure continuous monitoring of the tank system. All monitoring equipment shall be maintained to stop the flow of product at the dispenser when it detects a leak. CORRECTIVE ACTION: Repair/ replace and retest the failed sensor and submit passing test results as proof of compliance. NOTE: This violation applies to both 87 tanks the 91 and diesel tank systems.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	05-10-2018
Citation:	23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not test leak detection equipment every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification within 30 days of completion of the test. The initial monitoring certification was started on 4/27/2018. During today's follow-up testing event the systems positive shutdown components could not be tested. The positive shutdown components for the 87 tank system includes turbine sump fuel alarms, product, vent and vapor high liquid alarms, UDC fuel alarm, line leak detection, Sensor Out and Fail Safe. CORRECTIVE ACTION: Test leak detection equipment every 12 months (VPH, sensor, LLD, ATG, etc.) and submit monitoring system certification within 30 days of completion of the test. NOTE: This issue applies to the 87 tank system. NOTE: All positive shutdown components for the 87 tank system need to be tested in order to address this issue. OBSERVATION: Owner/Operator did not test leak detection equipment every 12 [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-16-2017
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	Failure to test the spill bucket annually.
Violation Notes:	Returned to compliance on 04/09/2017. OBSERVATION: The biodiesel spill bucket failed the annual testing event. CORRECTIVE ACTION: Repair/

FOOD & LIQUOR #183 (Continued) **U001612983**

replace and retest the biodiesel spill bucket. Submit test results to this department. NOTE: THIS VIOLATION APPLIES TO THE BIODIESEL TANK SYSTEM.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-16-2017
Citation: 23 CCR 16 2715(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(e)
Violation Description: Failure to maintain a copy of the designated operator monthly inspections for the last 12 months on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes: Returned to compliance on 04/27/2017. OBSERVATION: The designated operator monthly inspection report(s) for April, October, November and December, 2016 were not found on site. Designated operator monthly inspection reports for the previous twelve months shall be retained on site. CORRECTIVE ACTION: Locate and ensure that copies of the previous twelve months of designated operator monthly inspection reports are maintained on site. Submit copies of missing designated operator reports. OBSERVATION: The designated operator monthly inspection report(s) for January and February, 2017 were not found on site. Designated operator monthly inspection reports for the previous twelve months shall be retained on site. CORRECTIVE ACTION: Locate and ensure that copies of the previous twelve months of designated operator monthly inspection reports are maintained on site. Submit copies of missing designated operator reports. NOTE: THIS VIOLATION APPLIES TO THE E-85, BIODIESEL AND REGULAR TANK SYSTEMS.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-09-2017
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to notify the CUPA of the designated operator (DO) identification and/or change of the DO within 30 days.
Violation Notes: Returned to compliance on 11/27/2018. OBSERVATION: Owner/Operator did not update the DO statement in CERS for the two 87, 91 and Diesel UST systems. CORRECTIVE ACTION: Submit a current DO statement to CERS.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-06-2019
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have current UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 06/03/2021. OBSERVATION: Owner/Operator did not maintain an approved monitoring plan. The monitoring plans for Tank ID #1, #2 and #3 should indicate NO for the following statements:

FOOD & LIQUOR #183 (Continued) **U001612983**

Detection of Leak into UDC Triggers Audible and Visual Alarms; UDC Leak Alarm Triggers Automatic Pump Shutdown; and Failure/ Disconnection of UDC Monitoring System Trigger Automatic Pump Shutdown. The monitoring plans for Tank ID #1, #2 and #3 should only include UDC Leak Sensor Model (Under Dispenser Containment Monitoring section) as 0848480-001 and not include DLS-01-24 as these sensors are not longer present. The monitoring plans for Tank ID #5, #6 and #7 should identify the Leak Sensor Model # (Pipe Monitoring section) as 323/304, the UDC Leak Sensor Model as 208/304 and should indicate NO for "UDC Monitoring Stops Flow of Product at Dispenser". The monitoring plan for Tank ID #8 is blank. More for Less has determined that this tank was removed. This monitoring plan needs to be deleted. NOTE: This [Truncated]

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-09-2017
Citation: 23 CCR 16 2715(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(e)
Violation Description: Failure to maintain a copy of the designated operator monthly inspections for the last 12 months on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes: Returned to compliance on 10/17/2018. OBSERVATION: The 10/16, 11/16, 12/16, 1/17 and 2/17 designated operator monthly inspection reports were not found on site. Designated operator monthly inspection reports for the previous twelve months shall be retained on site. CORRECTIVE ACTION: Locate and ensure that copies of the previous twelve months of designated operator monthly inspection reports are maintained on site. Submit copies to this department.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 02-15-2023
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: OBSERVATION: The Emergency Response/Contingency Plan submitted on the California Environmental Reporting System (CERS) is inaccurate per inspection. The emergency coordinator contact is inaccurate. Per conversation with the assistant manager, Robert Frost has passed away in 2021. CORECTIVE ACTION: Revise the Emergency Response/Contingency Plan, upload the updated plan to CERS and submit.
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-08-2021

FOOD & LIQUOR #183 (Continued) **U001612983**

Citation:	HSC 6.7 25290.1(d) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(d)
Violation Description:	Failure of a UST system installed on or after July 1, 2004 to be designed and constructed with a monitoring system capable of detecting the entry of the liquid or vapor-phase of the hazardous substance stored in the primary containment into the secondary containment and capable of detecting water intrusion into the secondary containment.
Violation Notes:	OBSERVATION: Owner/Operator did not design and/or construct UST system so as to detect the entry of the liquid or vapor-phase of the hazardous substance stored in the primary containment into the secondary containment and capable of detecting water intrusion into the secondary containment. The vacuum sensor for the vent line in the biodiesel turbine failed to detect a leak when tested. CORRECTIVE ACTION: Design/Construct UST system installed on or after July 1, 2004 so as to detect the entry of the liquid or vapor-phase of the hazardous substance stored in the primary containment into the secondary containment and capable of detecting water intrusion into the secondary containment. Submit passing test results as proof of compliance. NOTE: This violation applies to the biodiesel tank system.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-06-2023
Citation:	23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description:	Failure of the automatic tank gauging (ATG) system to perform valid 0.2 gallon-per-hour leak tests or generate hard-copy test reports at least once every 30 days.
Violation Notes:	OBSERVATION: Owner/Operator did not conduct the monthly 0.2 gallon per hour automatic tank gauging test on a single wall tank and/or use the automatic tank gauge to generate and print a hard copy of the monthly 0.2 gallons per hour test. The ATG testing was not conducted in 2022. Per testing result from 2022, the ATG is used for inventory only, however, this is inaccurate. The ATG testing was conducted on 3/6/2023. The CSLD test results for the three single wall tanks were generated at the time of inspection. However, the CSLD result for 2021-2022 was not available. During the inspection, the manager pulled a tape from a box of tapes in the office, the tape identified as the CSLD test result for one of the day in 2022. Inform the manager to organize the CSLD test results during the inspection and submit at least one copy per month to this department as demonstration of compliance. CORRECTIVE ACTION: submit at least one copy of the CLSD test result per month from March [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-06-2023
Citation:	23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description:	Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and

FOOD & LIQUOR #183 (Continued) **U001612983**

	maintenance of the UST system by a designated operator (DO).
Violation Notes:	OBSERVATION: Train facility employees in the proper operation and maintenance of the underground storage tank system at least once every 12 months and provide initial training before the individual performs the duties of a facility employee. Per monthly DO report, the employees were trained on 4/4/2022, however, the training document was not observed at the time of inspection. In addition, there are employees that have not receive the initial training. CORRECTION ACTION: Immediately have the certified DO provide the initial training to employees and locate the copy of the 2022 employee training document and submit the training to this department as a demonstration of compliance. Moving forward, ensure that employees receive initial and annual training in the proper operation and maintenance of the UST system and that at least one employee is present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	04-24-2014
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain leak detection alarm logs and/or maintain records of appropriate follow-up actions.
Violation Notes:	Returned to compliance on 03/21/2016. OBSERVATION: Owner/Operator did not maintain leak detection alarm logs. CORRECTIVE ACTION: Immediately begin recording/documenting all UST Monitoring System leak detection alarms such as Fuel Alarms, Low Liquid Alarms, No Vac Alarms, High Liquid Alarms and Gross Line Fail Alarms (basically, list all alarms that occur) for all product tanks at this facility. Send a statement acknowledging this UST Monitoring System requirement, include the employee alarm log procedure and include a copy of the alarm log for each UST Monitoring System.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-04-2020
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have current UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 03/04/2020. OBSERVATION: Owner/Operator did not maintain an approved monitoring plan. The monitoring plans for the single walled 87 master tank, the single walled 87 slave tank and the single walled diesel tank all indicate that these tanks have annular sensors. Single walled tanks do not have annular spaces. CORRECTIVE ACTION: Maintain an approved monitoring plan. Submit monitoring plan for approval. NOTE: This violation applies to the 87 master, 87 slave and diesel tank systems. NOTE: Please notify Brion McGinness at mcginnessb@saccounty.net following correction of this violation.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST

FOOD & LIQUOR #183 (Continued) **U001612983**

Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-16-2017
Citation:	HSC 6.7 25292.4(d), 25292.5(c) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.4(d), 25292.5(c)
Violation Description:	Failure to take appropriate action to repair and retest any leaking UST component which is discovered from an enhanced leak detection (ELD) test for UST systems located within 1,000 feet of a public drinking water well.
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: ELD test results for all 7 X tank systems were not available at the time of inspection. As a result, any follow up actions required as a result of system failure could not be confirmed. CORRECTIVE ACTION: Provide copies of ELD test reports as well as any required retesting for all 7 X tank systems. NOTE: THIS ISSUE APPLIES TO ALL SEVEN TANK SYSTEMS.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-12-2014
Citation:	23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description:	Failure to conduct the monthly 0.2 gallons per hour automatic tank gauging test on a single wall tank and/or failure of the automatic tank gauge to generate and print a hard copy of the monthly 0.2 gallons per hour test.
Violation Notes:	Returned to compliance on 04/24/2014. OBSERVATION: Owner/Operator did not conduct the monthly 0.2 gallon per hour automatic tank gauging test on a single wall tank and/or use the the automatic tank gauge to generate and print a hard copy of the monthly 0.2 gallons per hour test. CORRECTIVE ACTION: If this is facilities single wall tank monitoring method then conduct the monthly 0.2 gallon per hour automatic tank gauging test on a single wall tankand/or use the the automatic tank gauge to generate and print a hard copy of the monthly 0.2 gallons per hour test. Submit test results.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-11-2015
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.
Violation Notes:	Returned to compliance on 05/05/2015. OBSERVATION: Training records for the last 12 months were not available for review. DO Training must

FOOD & LIQUOR #183 (Continued) **U001612983**

occur within 6 months of hiring and annually for continuing employees, including location of emergency stop switches & cleanup procedures. CORRECTIVE ACTION: Perform the DO training for all required employees and send documentation to the County c/o Mr. Steele.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-12-2014
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs.
Violation Notes: Returned to compliance on 03/12/2014. OBSERVATION: Owner/Operator did not repair/maintain diesel pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. CORRECTIVE ACTION: Repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. NOTE: Diesel LLD replaced and retested at time of inspection.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 04-27-2018
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 11/27/2018. OBSERVATION: Financial responsibility documents submitted to CERS are not accurate (see regulator comments in CERS). Current and accurate financial responsibility documents are required to be submitted annually. CORRECTIVE ACTION: Complete and submit a copy of the financial responsibility to CERS. NOTE: This violation applies to all seven tank systems onsite. NOTE: Please notify Brion McGinness at mcginnessb@saccounty.net following correction of this violation.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-16-2017
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286

FOOD & LIQUOR #183 (Continued) **U001612983**

Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 04/17/2017. OBSERVATION: Owner/Operator did not submit accurate UST Tank information for the E-85, Biodiesel and Regular (tri-compartment) tank systems. All three of the tank pages should indicate No for "Audible/ Visual Alarms, Steel for "Riser Pipe Secondary Containment" and yes for "Isolation". CORRECTIVE ACTION: Submit and maintain an accurate UST Tank information to CERS. NOTE: THIS VIOLATION APPLIES TO THE E-85, BIODIESEL AND THE REGULAR TANK SYSTEMS. NOTE: PLEASE CONTACT BRION MCGINNESS AT MCGINNESSB@SACCOUNTY.NET FOLLOWING CORRECTION OF THIS VIOLATION. OBSERVATION: Owner/Operator did not submit accurate UST Tank ID#'s for all seven tank systems. Tank ID#'s should read as follows: diesel = 24482, regular #1 = 24483, regular #2 = 24484, premium = 24485, regular (tri-tank) = 27094, Ethanol = 27095 biodiesel = 27096. CORRECTIVE ACTION: Submit and maintain an accurate UST Tank information to CERS. NOTE: THIS VIOLATION APPLIES TO ALL SEVEN TANK NOTE: [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	02-15-2023
Citation:	22 CCR 12 66262.23(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)
Violation Description:	Failure to properly complete the Uniform Hazardous Waste Manifest.
Violation Notes:	OBSERVATION: The Uniform Hazardous Waste Manifest 013183324 shipped on 1/26/2023 noted proper shipping name of non RCRA hazardous waste liquid used oil, water . Per conversation with facility assistant manager, the waste stream shipped is water contaminated from gasoline. CORRECTIVE ACTION: Submit a correction letter to California Department of Toxic Substances Control (DTSC) regarding the proper shipping name for this waste stream noted on the manifest above and submit a copy of the corrected manifests to this department. NOTE: A sample of the manifest and the information about submitting the correction is attached to the email with the inspection report.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	04-27-2018
Citation:	HSC 6.7 25294 - California Health and Safety Code, Chapter 6.7, Section(s) 25294
Violation Description:	Failure to record any unauthorized release from the primary containment.
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not record and/or report suspected or actual unauthorized release in appropriate time frame. CORRECTIVE ACTION: Report a suspected or actual unauthorized release in appropriate time frame. Submit verification. See violation 682
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

FOOD & LIQUOR #183 (Continued) **U001612983**

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-11-2015
Citation:	HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description:	Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes:	Returned to compliance on 07/11/2017. OBSERVATION: The Tank form has incorrect information based on today's on-site verification. Pertaining to the Regular Unleaded (Tanks 1 & 2) and diesel tanks only, all these changes will be the same on each form: Tank construction - no secondary containment (single wall tanks) and there is a fill tube shutoff valve present. Vent/Vapor Recovery - no secondary containment, no vapor recovery secondary containment, no riser pipe secondary containment, riser pipe primary containment is steel, and there is no vent piping containment sump. UDC construction material is hard plastic. Pertaining to the 91 product tank construction the type of tank is double wall and the secondary containment is fiberglass. Other tank corrections from above tanks apply to this tank also except for these double walled issues. CORRECTIVE ACTION: Login to the https://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f website and revise the tank forms electronically as directed above. NOTIFY [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	02-15-2023
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	OBSERVATION: Employees are not thoroughly familiar with proper waste handling and emergency procedures as demonstrated by the number and type of hazardous waste violations observed at the time of inspection. CORRECTIVE ACTION: Submit documentation to this department demonstrating that employees have been properly trained.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-08-2021
Citation:	Un-Specified
Violation Description:	UST Program - Administration/Documentation - General Local Ordinance - Must include violation description and proper ordinance citation in the "comment" section.
Violation Notes:	Returned to compliance on 04/16/2022. OBSERVATION: Owner/Operator did not obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment. The alarm history for the three VPH tank systems provided at the start of today's monitoring certification was mostly blank of any alarm history. A work

FOOD & LIQUOR #183 (Continued) **U001612983**

order dated August 6, 2020 indicates that a cold start of the monitoring panel was conducted on August 6, 2020. EMD has no record that a permit was obtained to conduct this cold start. CORRECTIVE ACTION: Obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment. Submit verification. NOTE: This violation applies to the three VPH tank systems onsite. NOTE: Correction of this violation does not preclude additional enforcement actions. OBSERVATION: Owner/Operator did not obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment. The alarm history for the [Truncated]

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-27-2015
Citation: 23 CCR 16 2643(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(2)
Violation Description: Failure of the automatic tank gauge to test the tank at least once per month when the product level in the tank is at least three feet and shall be capable of detecting a release of 0.1 gallons per hour.
Violation Notes: Returned to compliance on 03/08/2016. OBSERVATION: Owner/Operator did not maintain automatic tank gauge so that it tests the tank at least once per month when the product level in the tank is at least three feet and capable of detecting a release of 0.1 gallons per hour. No test results can be documented for the past three years! CORRECTIVE ACTION: Maintain automatic tank gauge so that it tests the tank at least once per month when the product level in the tank is at least three feet and capable of detecting a release of 0.1 gallons per hour. SUBMIT PASSING TEST RESULTS! REPEAT VIOLATION: THIS IS A REPEAT VIOLATION! YOU HAVE 14-DAYS TO PRODUCE 0.1 GALLON PER HOUR TEST RESULTS FOR THE TANK 1 - UL MASTER EAST, TANK 2 - UL SLAVE WEST AND TANK 3 - DIESEL! SEND PASSING TEST RESULTS!
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-12-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/24/2014. OBSERVATION: 4 X 55 gallon hazardous waste containers located in the hazardous waste storage area was observed with incomplete hazardous waste labels. CORRECTIVE ACTION: Submit photos to this department demonstrating that the containers listed above has been properly labeled.
Violation Division: Sacramento County Env Management Department
Violation Program: HW
Violation Source: CERS,

FOOD & LIQUOR #183 (Continued) **U001612983**

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-08-2021
Citation:	23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Description:	"Failure to submit a copy of the overfill prevention equipment inspection results on the Overfill Prevention Equipment Inspection Report Form to the UPA within 30 days after the inspection. "
Violation Notes:	Returned to compliance on 06/03/2021. OBSERVATION: The Overfill Prevention Equipment Inspection Report Form submitted to this department does not include the inspection procedures and all documentation required to the accuracy of the test results. For these reasons the results were not accepted. CORRECTIVE ACTION: Update the Overfill Prevention Equipment Inspection Report to include all required information and resubmit a copy to this department. NOTE: This is a repeat violation facility has 14 days to comply. NOTE: This violation applies to all seven tank systems onsite.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-06-2019
Citation:	HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 01/07/2020. OBSERVATION: Complete and current financial responsibility documents have not been submitted to the California Electronic Reporting System (CERS). The Financial Responsibility document was last reviewed in 2013. The Chief Financial Officer Letter has expired and the asset section, liability section and the net worth section are all blank. Current and complete financial responsibility documents are required to be submitted annually. CORRECTIVE ACTION: Complete and submit a copy of the financial responsibility documents to CERS. NOTE: This violation applies to all seven tank systems onsite. NOTE: Please notify Brion McGinness at mcginnessb@saccounty.net following correction of this violation.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-16-2017
Citation:	HSC 6.7 25290.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(e)
Violation Description:	Failure to maintain the interstitial space such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment, i.e., vapor, pressure, hydrostatic (VPH) monitoring.
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: The 87 turbine sump brine sensor (L-13) was in alarm when the testing company showed up for today’s monitoring certification. Observation of L-13 revealed

FOOD & LIQUOR #183 (Continued) **U001612983**

that the reservoir was empty of brine. UST work orders reviewed at the time of inspection indicate problems with L-13 as far back November 23, 2015. Subsequent work orders as well as DO inspection records reveal an ongoing issue along with attempts to repair L-13. The interstitial space of the UST shall be maintained, as designed, under constant VPH such that a breach in the primary or secondary containment is detected before the hazardous substance is released into the environment. CORRECTIVE ACTION: Correct immediately by having a properly licensed, trained, and certified contractor replace the failed component with a functional component (LG 113-x listed, if applicable) and obtain a permit if required. If the failed component can t be replaced immediately, there is a possibility that the 87 UST system may [Truncated]

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-06-2023
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 01/17/2024. OBSERVATION: The electronic line leak detector on the VPH tanks were not tested. The biodiesel turbine cannot be turn on during the inspection. The 87 tank (VPH) did not have enough inventory to run the test. The E-85 is blended with the 87. CORRECTIVE ACTION: Submit documentation to this department of passing line leak test for tank system stated above. NOTE: THIS VIOLATION APPLIES TO VPH TANK SYSTEMS ON-SITE.

_____ OBSERVATION: The technician cannot test the mechanical line leak detector for 91 tank and diesel because the plug at the dispenser cannot be removed. CORRECTIVE ACTION: Submit documentation to this department of passing line leak test for tank system stated above. NOTE: THIS VIOLATION APPLIES TO 91 (NON-VPH) TANK AND DIESEL (NON-VPH) TANK SYSTEMS [Truncated]

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-16-2017
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have a UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 07/11/2017. OBSERVATION: Owner/Operator did not submit accurate monitoring plans for the or the E-85, Biodiesel and Regular (tri-compartment) tank systems to CERS. All three monitoring plans should identify 208/304 for the Leak Sensor Model # under the Pipe Monitoring section, 208/304 for the UDC Leak Sensor

FOOD & LIQUOR #183 (Continued) **U001612983**

Model under the Under Dispenser Containment (UD) Monitoring section and should mark No for "UDC Monitoring Stops Flow of Product at Dispenser". CORRECTIVE ACTION: Submit accurate monitoring plans for the or the E-85, Biodiesel and Regular (tri-compartment) tank systems to CERS. NOTE: THIS VIOLATION APPLIES TO THE E-85, BIODIESEL AND THE REGULAR TANK SYSTEMS. NOTE: PLEASE CONTACT BRION MCGINNESS AT MCGINNESSB@SACCOUNTY.NET FOLLOWING CORRECTION OF THIS VIOLATION.

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 05-10-2018
Citation: HSC 6.7 25290.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(e)
Violation Description: Failure to maintain the interstitial space such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment, i.e., vapor, pressure, hydrostatic (VPH) monitoring.
Violation Notes: Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not maintain the interstitial space under constant vacuum, pressure, or hydrostatic such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment. Communication testing of the diesel fill sump was not conducted during today's testing event. CORRECTIVE ACTION: Maintain the interstitial space under constant vacuum, pressure, or hydrostatic such that a breach in the primary or secondary containment is detected. NOTE: This issue applies to the diesel tank system. NOTE: The diesel fill sump communication must be tested in a timely manner in order to clear this issue. OBSERVATION: Owner/Operator did not maintain the interstitial space under constant vacuum, pressure, or hydrostatic such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance [Truncated]
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-03-2022
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description: Failure to submit the Monitoring System Certification Form to the UPA within 30 days of completion of the test.
Violation Notes: OBSERVATION: Facility's Annual Monitoring Certification submitted for last year's test results did not include all tapes for both the VPH and nonVPH systems maintained at this facility. The monitoring certification submittals shall be complete to ensure all components of the tank systems have been tested accordingly. *This violation applies to all tank systems maintained on site.* CORRECTIVE ACTION: Moving forward, ensure all Annual Monitoring System Certification reports include all tapes & their corresponding alarms. Within 30 days, submit a statement indicating this will be implemented.

FOOD & LIQUOR #183 (Continued) **U001612983**

Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-03-2022
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes:	Returned to compliance on 03/10/2022. OBSERVATION: Owner/Operator did not locate the sensor in the proper location/position. Dispensers maintain a Veeder Root stand alone sensor (001 Model) for all dispenser sumps. While opening each dispenser, the UDC 1/2 sensor was placed on the top of the dispenser pan placed on the top left side, placed behind the UDC Door and not at the sump's lowest point. While reviewing paperwork, it was not clear when this dispenser was serviced last, so this sensor was not operating as intended and was not able to detect a leak at the earliest opportunity. This sensor was placed at the lowest point after being tested, however, the facility shall ensure proper maintenance of sensors. *This violation applies to the: 87S, 87M, 91, Diesel (Non-VPH) Tank Systems maintained on site.*
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-09-2017
Citation:	HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3)
Violation Description:	Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003 and before July 1, 2004, or on or after July 1, 2004.
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: Diesel fuel was observed in the 3/4 UDC. The meters for the diesel are leaking into the UDC. CORRECTIVE ACTION: Ensure that the 3/4 UDC sump is maintained free of liquid by repairing/replacing the meters.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-21-2016
Citation:	HSC 6.7 25290.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(e)
Violation Description:	Failure to maintain the interstitial space under constant vacuum, pressure, or hydrostatic such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment. (Product Tight)
Violation Notes:	Returned to compliance on 07/20/2016. OBSERVATION: At the time of inspection on 3/21/16 there was no communication in the annulars of the 87 product sump nor in the E85 Fill Sump. REQUIRED ACTION: Resolve these issues, which may require a permit from EMD (County), and send

FOOD & LIQUOR #183 (Continued) **U001612983**

documentation of compliance to the County c/o Mr. Steele (steeled@saccounty.net). Note: This NOV is being sent certified mail as of 4/07/16. Repair attempts with partial results have been attempted on 4/01/16 - see correspondence to EMD on 4/04/16 from BZ Maintenance below: Friday we were back out at More For Less at 702 N Lincoln, Galt to finish the monitor. WE were able to repair/retest the unl spill bucket and the e-85 brine communication. The unl stp communication was not repaired. There is a blockage internally. The sump will drain, but the cup will not. THe tech was unable to blow out the obstruction. I have attached photos. I will be notifying the site that troubleshooting/repairs are needed for this to be [Truncated]

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-03-2022
Citation: 23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description: Failure of the automatic tank gauging (ATG) system to perform valid 0.2 gallon-per-hour leak tests or generate hard-copy test reports at least once every 30 days.
Violation Notes: OBSERVATION: Owner/Operator did not conduct the monthly 0.2 gallon per hour automatic tank gauging test on a single wall tank and/or use the the automatic tank gauge to generate and print a hard copy of the monthly 0.2 gallons per hour test. This is undetermined at the time. If facility maintains monthly test results for the single wall tanks maintained on site, provide copies of these tests to EMD to determine compliance. *This is Undetermined at this time. Please submit test results to indicate these tests have been performed as required for the tank systems in question: 87S, 87M, Diesel (Non-VPH) Tank Systems CORRECTIVE ACTION: Conduct the monthly 0.2 gallon per hour automatic tank gauging test on a single wall tankand/or use the the automatic tank gauge to generate and print a hard copy of the monthly 0.2 gallons per hour test. Submit test results. *This violation applies to the: 87S, 87M, Diesel (Non-VPH) Tank Systems [Truncated]

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 04-27-2018
Citation: Un-Specified
Violation Description: UST Program - Administration/Documentation - General Local Ordinance - Must include violation description and proper ordinance citation in the "comment" section.
Violation Notes: Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment. The following language was included in the inspection report dated March 16, 2017: "Based on review of work orders and designated operator inspection records, it appears that holes were drilled into the 87 turbine sump wall. Based on the scope of work conducted, a UST repair permit may have been required" As of todays inspection EMD has not received any return to compliance documentation regarding this issue. In addition,

FOOD & LIQUOR #183 (Continued) **U001612983**

there is evidence that additional repair work within the 87 turbine sump has been performed. CORRECTIVE ACTION: Submit documentation identifying all work that has been performed on the 87 turbine sump that was done in an effort to address the brine leak. If necessary, obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment. NOTE: This [Truncated]

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-06-2019
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 06/03/2021. OBSERVATION: Owner/Operator did not submit and/or maintain an accurate UST Tank information. Tank ID# 3 should identify the Tank Constructions "Secondary Containment" as fiberglass. Tank ID #1, #2, #3 and #4 should identify "Vent Piping Transition Sump" as none and "Corrosion Protection" as Isolation. Tank ID #5, #6 and #7 are not compete. Accurately complete the "Product/ Waste Piping" section, the "Vent, Vapor (VR) and Riser/ Fill Piping Construction section, the "Under Dispenser Containment" section and the "Corrosion Protection" section. Tank ID #8 identifies a used oil tank. More for Less has determined that this tank was removed. Update the used oil tank form accordingly. CORRECTIVE ACTION: Submit accurate UST tank information to CERS. NOTE: This violation applies to all tank systems onsite. NOTE: Please notify Brion McGinness at mcginnessb@saccounty.net following correction of this violation.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-04-2020
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: OBSERVATION: 1 X 55 gallon drum that is near full of used oil and fuel filters is located in the rear of the store. This drum was observed with a blank hazardous waste label. CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the used oil and fuel filters are being properly managed or submit a bill of lading to this department demonstrating proper disposal. OBSERVATION: Bills of lading for used oil and fuel filters were not available at the time of inspection. CORRECTIVE ACTION: Obtain copies of all bills of lading for used oil and fuel filters for the past three years and submit copies to this department.
Violation Division: Sacramento County Env Management Department
Violation Program: HW
Violation Source: CERS,

Site ID: 50110

FOOD & LIQUOR #183 (Continued) **U001612983**

Site Name: More For Less #24
Violation Date: 03-06-2023
Citation: 23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)
Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.
Violation Notes: OBSERVATION: Facility did not comply with conduct the DO visual inspection at least once every 30 days. The monthly DO report observed at the time of inspection were conducted on 2/7/2022, 3/7/2022, 4/4/2022, 5/2/2022, 5/31/2022, 6/28/2022, 7/27/2022, 8/23/2022, 10/2/2022, 10/21/2022, 11/22/2022, 12/16/2022, 1/19/2023, and 2/13/2023. The monthly DO for 9/2022 is missing. CORRECTIVE ACTION: Submit the September 2023 monthly DO report to this department as demonstration of compliance and/or submit a statement to this department describing the action facility will be taken in the future to prevent a repeat of this violation. Moving forward, ensure the monthly DO reports are conducted at least once every 30 days.

_____ OBSERVATION: The owner/operator has not visually inspect report within 48 hours of the inspection, and the owner/operator did not sign and date the [Truncated]
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-08-2021
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 03/08/2021. OBSERVATION: Owner/Operator did not properly program/operate leak detection equipment. At the start of today's VPH tank testing it was determined that the sensors being tested were not programmed correctly. In order to complete the monitoring certification the UST Technician had to first reprogram 10 of the sites 16 L sensors. CORRECTIVE ACTION: Properly program/operate leak detection equipment. NOTE: This violation applies to all three VPH tanks NOTE: This violation was corrected at the time of inspection.
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

FOOD & LIQUOR #183 (Continued) **U001612983**

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	05-10-2018
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	Failure to test the spill bucket annually.
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not test the spill bucket annually and/or submit the results within 30 days of the test. The diesel spill bucket was not tested during today's testing event. CORRECTIVE ACTION: Test spill bucket annually. Submit test results. NOTE: This violation was cited on the inspection report dated 04/27/2018. This violation remains open.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-03-2022
Citation:	23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description:	Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes:	OBSERVATION: Facility's employee training is outdated and was last performed 02/04/2021. Facility shall ensure any employee on site is trained at least every 12 months. The facility representative indicated that the training has been scheduled for April. CORRECTIVE ACTION: Within 30 days, submit copies of the facility employees being trained by the Designated Operators for the UST systems maintained on site and maintain copies for review. *This violation applies to all tank systems maintained on site.*
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-12-2014
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.
Violation Notes:	Returned to compliance on 07/24/2014. OBSERVATION: 3 X 55 gallon hazardous waste containers located in the hazardous waste storage area was observed with an accumulation start date of 2012, 11/13/2012 and no accumulation start date and a manifest/receipt demonstrating disposal within the past 180 days was not available. CORRECTIVE ACTION: Dispose of described hazardous waste and submit a copy of the manifest/receipt to this department.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24

FOOD & LIQUOR #183 (Continued) **U001612983**

Violation Date:	03-04-2020
Citation:	HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description:	Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.
Violation Notes:	Returned to compliance on 05/25/2023. OBSERVATION: The alarm history report indicates that the 87 STP sump sensor (L12) had a sensor out alarm on September 9, 2019 and September 12, 2019. These alarms are not identified on an alarm log and there is no explanation as to the cause and/ or resolution to these alarms in the designated operator inspection reports. CORRECTIVE ACTION: Submit documentation identify the cause and resolution the the above described alarms. NOTE: This violation applies to the 87 VPH tank system. OBSERVATION: The alarm history report indicates that the 87 STP brine sump sensor (L13) had a low liquid alarm on September 9, 2019 and October 15, 2019. There was brine present within the 87 STP sump at the start of today's inspection. The above alarms are not identified on an alarm log. These alarms are noted in the designated operator inspection reports however there is no explanation as to the cause and/or resolution of these alarms. There is a BZ work order dated October 16, 2019 [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-04-2020
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 03/04/2020. OBSERVATION: Owner/Operator did not repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. The biodiesel line leak detector ((LLD) for the VPH tank system failed to detect a leak when tested. CORRECTIVE ACTION: Repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. NOTE: This violation applies to the biodiesel tank system. NOTE: The biodiesel product line was purged and the LLD retested at the time of inspection.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-16-2017
Citation:	Un-Specified

FOOD & LIQUOR #183 (Continued) **U001612983**

Violation Description:	UST Program - Administration/Documentation - General Local Ordinance - Must include violation description and proper ordinance citation in the "comment" section.
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not obtain permit to install, replace, repair, or modify part of the UST system containment or leak detection equipment. Based on review of work orders and designated operator inspection records, it appears that holes were drilled into the 87 turbine sump wall. Based on the scope of work conducted, a UST repair permit may have been required. CORRECTIVE ACTION: Provide a detailed description of the 87 turbine sump work conducted including the name(s) and certifications of the technicians conducting the repair work. If applicable, obtain permit to repair, or modify part of the UST system containment or leak detection equipment. NOTE: THIS ISSUE APPLIES TO THE REGULAR TANK SYSTEM.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	04-27-2018
Citation:	HSC 6.7 25290.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(e)
Violation Description:	Failure to maintain the interstitial space such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment, i.e., vapor, pressure, hydrostatic (VPH) monitoring.
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not maintain the interstitial space under constant vacuum, pressure, or hydrostatic such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment. The 87 turbine sump (VPH tank system) was full of brine and the brine reservoir was near empty. It appears that the 87 turbine sump has a brine leak. Work orders reveal issues with 87 turbine sump leak as far back as November 23, 2015. Subsequent work orders as well as DO inspection records reveal an ongoing issues along with attempts to repair the leak. The interstitial space of the UST system shall be maintained, as designed, under constant VPH such that a breach in the primary or secondary containment is detected before the hazardous substance is released into the environment. CORRECTIVE ACTION: Have a properly licensed, trained, and certified contractor replace/ repair [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-27-2015
Citation:	23 CCR 16 2636(f)(5) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(5)
Violation Description:	Failure to maintain all product piping outside the dispenser to be fail-safe and shut down the pump when a leak is detected and the monitoring system shuts down the pump or flow restriction occurs when

FOOD & LIQUOR #183 (Continued) **U001612983**

	a leak is detected in the under dispenser containment.
Violation Notes:	Returned to compliance on 03/21/2016. OBSERVATION: The 87 Submersible Turbine Pump (STP) on the Alternative Fuel Tank failed to turn on. Positive Shutdown for the STP Sump and the UDC, the Pressurized Line Leak Detector (PLLD), Sensor Out and Failsafe could not be tested. CORRECTIVE ACTION: Maintain all product piping outside the dispenser to be fail-safe and shut down the pump when a leak is detected and the monitoring system shuts down the pump or stops the flow when a leak is detected in the under dispenser containment. Submit verification.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-16-2017
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 03/16/2017. OBSERVATION: The E-85 fill sump sensor failed to activate an audible and visual alarm when tested to ensure continuous monitoring of the tank system. All monitoring equipment shall be maintained to activate an audible and visual alarm or stop the flow of product at the dispenser when it detects a leak. CORRECTIVE ACTION: Correct immediately by having a properly licensed, trained, and certified contractor replace the failed component with a functional component (LG 113-x listed, if applicable). NOTE: THIS VIOLATION APPLIES TO THE E-85 TANK SYSTEM NOTE: THE E-85 SUMP SENSOR WAS REPLACED AND RETESTED AT THE TIME OF INSPECTION. OBSERVATION: The vent sump brine sensor failed to activate an audible and visual alarm when tested to ensure continuous monitoring of the tank system. All monitoring equipment shall be maintained to activate an audible and visual alarm or stop the flow of product at the dispenser when it detects a leak. CORRECTIVE ACTION: Correct immediately by [Truncated]
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-09-2017
Citation:	23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 03/09/2017. OBSERVATION: Annual monitoring system certification and leak detector testing for the two 87, 91 and Diesel UST systems, were last performed on 3/8/16 and was completed on 3/9/17, 1 day past due. These tests are required once every 12 months. CORRECTIVE ACTION: Submit test results within 30 days of testing.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

FOOD & LIQUOR #183 (Continued) **U001612983**

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	04-27-2018
Citation:	23 CCR 16 2636(f)(5) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(5)
Violation Description:	"Failure to meet one or more of the following monitoring requirements in lieu of the requirement to be tightness tested annually: The monitoring system maintains all product piping outside the dispenser to be fail-safe and shut down the pump when a leak is detected. The monitoring system shuts down the pump or stops flow when a leak is detected in the under dispenser containment (UDC)."
Violation Notes:	Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator failed to maintain all product piping, outside the dispenser, to be fail-safe and capable of shutting down the pump when a leak is detected and a monitoring system capable of shutting down the pump or stops the flow (flow restriction) when a leak is detected in the under dispenser containment. CORRECTIVE ACTION: Maintain all product piping outside the dispenser to be fail-safe and shut down the pump when a leak is detected and the monitoring system shuts down the pump or stops the flow (flow restriction) when a leak is detected in the under dispenser containment. Sumbit verification. See Q686.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	04-24-2014
Citation:	23 CCR 16 2643(b)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(2)
Violation Description:	Failure of the automatic tank gauge to test the tank at least once per month when the product level in the tank is at least three feet and shall be capable of detecting a release of 0.1 gallons per hour.
Violation Notes:	Returned to compliance on 03/08/2016. See violation Q691 dated 3-12-2014. Conduct this testing immediately to gain compliance.
Violation Division:	Sacramento County Env Management Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	50110
Site Name:	More For Less #24
Violation Date:	03-27-2015
Citation:	23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description:	Failure to conduct the monthly 0.2 gallons per hour automatic tank gauging test on a single wall tank and/or failure of the automatic tank gauge to generate and print a hard copy of the monthly 0.2 gallons per hour test.
Violation Notes:	Returned to compliance on 03/08/2016. OBSERVATION: Owner/Operator did not conduct the monthly 0.2 gallon per hour automatic tank gauging test on single wall tanks and/or use the the automatic tank gauge to generate and print a hard copy of the monthly 0.2 gallons per hour test. No results can be documented for the past three years! CORRECTIVE ACTION: Conduct the monthly 0.2 gallon per hour automatic tank gauging test on all single wall tanks and/or use the the automatic tank gauge to generate and print a hard copy of the monthly 0.2 gallons per hour test. SUBMIT PASSING TEST RESULTS! REPEAT

FOOD & LIQUOR #183 (Continued) **U001612983**

VIOLATION: THIS IS A REPEAT VIOLATION! YOU HAVE 14-DAYS TO PRODUCE 0.2 GALLON PER HOUR LEAK TEST RESULTS FOR TANK 1 - UL MASTER EAST, TANK 2 - UL SLAVE WEST AND TANK 3 - DIESEL! SEND PASSING TEST RESULTS!

Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 04-27-2018
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 10/17/2018. OBSERVATION: Owner/Operator did not repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. The line leak detectors for the VPH tank system (87, E-85 and biodiesel) were not tested because the technician could not get the turbines running. CORRECTIVE ACTION: Repair/maintain pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. NOTE: This violation applies to the 87, E-85 and biodiesel tank systems. NOTE: 48 hour testing notification is required for this testing event. NOTE: EMD has been notified and been onsite for three separate testing [Truncated]
Violation Division: Sacramento County Env Management Department
Violation Program: UST
Violation Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Violation Date: 03-08-2021
Citation: HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description: Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.
Violation Notes: OBSERVATION: Owner/Operator repair records are not sufficient to determine what corrective actions were taken to fix UST monitoring sytem. The alarm history for the three VPH tanks identified a fuel alarm on September 25, 2020 for the following sensors: L4, L6, L7, L8, L12, L13 and L16. A work order dated October 19, 2020 indicates "L4, L6, L7, L8, L12, L13, L16 Fixed by BZ(E-85). The work order does not explain what caused the alarms or what actions were taken to fix the alarms. CORRECTIVE ACTION: Provide documentation that adequately explains the cause(s) and the resolution(s) to the above described alarms. NOTE: This violation applies to the three VPH tank systems onsite. NOTE: Correction of this violation does not preclude additional enforcement actions.
Violation Division: Sacramento County Env Management Department
Violation Program: UST

FOOD & LIQUOR #183 (Continued) **U001612983**

Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-21-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOTE: The non-VPH system of 4 tanks was tested on 3/08/16 with no violations. The VPH system of 3 tanks was tested on 3/21/16, and is documented here. Both NOV documents are included in this correspondence for ease of referral.
Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-27-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOTE: EMD has been notified and on-site for three separate testing events on 04/04/2018, 04/27/2018 and 05/10/2018. Because the VPH tank turbines could not be authorized during the testing event on 05/10/2018 the systems positive shutdown components could not be tested. The positive shutdown components for the VPH tank system include: turbine sump fuel alarms, product, vent and vapor high liquid alarms, UDC fuel alarm, line leak detection of all three fuel grades, Sensor Out and Fail Safe. In addition communication testing of the E-85 and 87 fill sumps was not confirmed. The facility will be charged for any additional testing events associated with the initial monitoring certification which was started on 04/27/2018.
Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-28-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: This is a focused inspection. This facility has an ongoing brine release issue within the 87 turbine sump (VPH tank). In addition, this facility has ongoing NO VACUUM alarms associated with a faulty turbine that has been moved from the diesel turbine sump, to the biodiesel turbine sump and is now located in the 87 turbine sump. The purpose of today's inspection was to determine if the above described issues have been resolved.
Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2023
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: There is no original signature on the Inspection Report. This Inspection was performed on 2/15/2023 and the Inspection Report was sent via email to nicole_mfl@sbcglobal.net, moreforless24@sbcglobal.net, and the email on the CERS website. NOTE:

FOOD & LIQUOR #183 (Continued) **U001612983**

Please notify Maggie Chen at chenxiu@saccounty.gov following the correction of these violation.

Eval Division: Sacramento County Env Management Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Performed Annual Monitoring Certification Inspection at More For Less #24 with BZ Maintenance's UST Technician: Rhome Desbians. Facility maintains 7 Underground Storage Tanks (USTs). This facility has single wall tanks and tanks installed after July 1, 2004 (monitoring using Vapor/Pressure/Hydrostatic VPH means). The facility has three USTs that are being monitored using VPH and has one dispenser installed for these tank systems. Monitoring certification inspection was completed to ensure sensors respond to the monitoring panel and are operable as intended. Facility maintains two veeder root monitoring panels, 7 dispensers, 7 tanks with various sensors for the fill, turbine or tank annulars. Violation corrections can be submitted to this department via: Attn: Cher Vue County of Sacramento: EMD - Envision Compliance Division 11080 White Rock Rd Ste 200, Rancho Cordova CA 95670 vueche@saccounty.net

Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: OBSERVATION: Today's inspection involves only the unleaded gasoline and diesel tanks - the Alternative fuel tanks, with VPH, will be inspected at a later date. OBSERVATION: The 87 and Diesel grade tanks are single-walled, the 91 grade is double-walled.

Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-16-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOTE: TODAY'S MONITORING CERTIFICATION IS FOR THE E-85, BIODIESEL AND REGULAR (TRI-COMPARTMENT TANK) TANK SYSTEMS ONLY. THE MONITORING CERTIFICATION FOR THE OTHER FOUR TANKS ONSITE WAS CONDUCTED ON MARCH 9, 2017.

Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-24-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

FOOD & LIQUOR #183 (Continued) **U001612983**

Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-10-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: NOTE: Today was a continuation of the monitoring certification that was started on 04/27/2018. Many of the violations/ issues associated with this monitoring certification were identified on the inspection report dated 04/27/2018. NOTE: EMD has been notified and on-site for three separate testing events on 04/04/2018, 04/27/2018 and 05/10/2018. Because the VPH tank turbines could not be authorized during the testing event on 05/10/2018 the systems positive shutdown components could not be tested. The positive shutdown components for the VPH system include: turbine sump fuel alarms, product, vent and vapor high liquid alarms, UDC fuel alarm, line leak detection of all three fuel grades, Sensor Out and Fail Safe. In addition, communication testing of the E-85 and 87 fill sumps has not been confirmed. The facility will be charged for any additional testing events associated with the initial monitoring certification started on 04/27/2018. NOTE: This inspection report [Truncated]
Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2023
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: There is no original signature on the Inspection Report. This Inspection was performed on 2/15/2023 and the Inspection Report was sent via email to nicole_mfl@sbcglobal.net, moreforless24@sbcglobal.net, and the email on the CERS website. NOTE: Please notify Maggie Chen at chenxiu@saccounty.gov following the correction of these violation. NOTE: Submit a legible copy of each Uniform Hazardous Waste Manifest to the California Department ofToxic Substances Control (DTSC) within 30 days of shipment.
Eval Division: Sacramento County Env Management Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-04-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: *No violations noted at time of inspection on 3/9/17*

FOOD & LIQUOR #183 (Continued) **U001612983**

Eval Division: Sacramento County Env Management Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-27-2015
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-10-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: NOTE: Today was a continuation of the monitoring certification that was started on 04/27/2018. All violations/ issues with this monitoring certification were identified on the inspection report dated 04/27/2018. NOTE: EMD has been notified and on-site for three separate testing events on 04/04/2018, 04/27/2018 and 05/10/2018. Because the VPH tank turbines could not be authorized during the testing event on 05/10/2018 the systems positive shutdown components could not be tested. The positive shutdown components for the VPH system include: turbine sump fuel alarms, product, vent and vapor high liquid alarms, UDC fuel alarm, line leak detection of all three fuel grades, Sensor Out and Fail Safe. In addition, communication testing of the E-85 and 87 fill sumps has not been confirmed. The facility will be charged for any additional testing events associated with the initial monitoring certification started on 04/27/2018.
Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-18-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: This is a follow-up inspection to address Enhanced Leak Detection (ELD) testing requirements identified on the inspection report dated 03/16/2017. Based on your facilities proximity to a public drinking water well(s) the State Water Resource Control Board required passing ELD results or an approved Request for Reconsideration (RFR) be submitted to the Environmental Management Department (EMD). EMD has not received ELD results or an approved RFR. Additional information regarding ELD testing is available on the SWRCB guidance document titled LG 161-5 (attached) and on the SWRCB website at

FOOD & LIQUOR #183 (Continued) **U001612983**

https://www.waterboards.ca.gov/water_issues/programs/ust/eld/index.shtml Please contact Brion McGinness at (916) 876-7646 if you have questions.

Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-04-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOTE: Today's monitoring certification was not completed. EMD will need to return for a follow-up inspection. The 87 turbine (VPH) tank was non-operational. The only testing of the 87 tank system included low liquid alarm (sump) and communication. All other testing of the 87 tank system remains untested. In addition, there was an issue with the biodiesel tank system. As a result of this issue the biodiesel line leak detector was not tested. Please notify EMD within 48 hours of the proposed follow-up testing event.
Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-04-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On September 26, 2014, Senate Bill 445 (SB445) was signed into law. SB445 requires owner or operators to permanently close a underground storage tank (UST) if it was designed/ constructed before 1997 in accordance with paragraph (7) of section 25291 (a) or it was designed/ constructed before 1984 and does not meet the requirements of H&SC 25291(a)(1)-(6). In summary, SB445 requires single walled tank systems (tanks and/or piping) to be permanently closed no later than December 31, 2025. Certain components of your UST meet the permanent closure requirements. There are low interest loans, grants and soil sampling funding available to the facilities that qualify. Contact this department for additional guidance and/or assistance.
Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-06-2023
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: There is no original signature on the Inspection Report. This Inspection was performed on 3/6/2023 and the Inspection Report was

FOOD & LIQUOR #183 (Continued) **U001612983**

sent via certified mail (70173380000047977252) and via email to nicole_mfl@sbcglobal.net, moreforless24@sbcglobal.net, and the email on the CERS website. NOTE: Please notify Maggie Chen at chenxiu@saccounty.gov following the correction of these violation. NOTE: The facility's hazardous waste liquid drums are full. The test water remains in the NON-VPH tank system after testing. NOTE: Facility has two monitoring panel, one for VPH tanks and one for non-VPH tanks. On September 26, 2014, Senate Bill 445 (SB445) was signed into law. SB445 requires owner or operators to permanently close a underground storage tank (UST) if it was designed/ constructed before 1997 in accordance with paragraph (7) of section 25291 (a) or it was designed/ constructed before 1984 and does not meet the requirements of H&SC 25291(a)(1)-(6). In summary, SB445 [Truncated]

Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-11-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOTE: Testing today was not on the Alternative Fuels portion of the system.
Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Today's monitoring certification did not include testing of the Bio-diesel/ E-85/ 87 tank.
Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-25-2018

FOOD & LIQUOR #183 (Continued) **U001612983**

Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: NOTE: Today's inspection is a follow-up to the monitoring certification started on 04/27/2018 and continued on 05/10/2018. In addition to today's testing event EMD was notified and on-site for a scheduled testing events on 04/04/2018. A reinspection fee will apply to today's testing event. NOTE: The 87 turbine had to be swapped with E-85 turbine in order to test E-85 LLD. The swapped 87 turbine was originally removed from the diesel turbine sump for similar performance issues. Swapping turbines during a testing event is extremely time consuming and requires additional time onsite. This additional time onsite is not covered by the annual UST Permit Fee. If turbine swapping is part of the testing event while EMD is required to be onsite then additional inspection fee's may apply.
Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On September 26, 2014, Senate Bil 445 (SB445) was signed into law. SB445 requires owners or operators to permanently close underground storage tank (UST) systems if designed / constructed before 1997 in accordance with paragraph (7) of section 25291 (a) or if it was designed/ constructed before 1984 and does not meet the requirements of H&SC 25291(a)(1)-(6). In summary, SB445 requires single walled tank systems (tanks and/or piping) to be permanently removed/ closed no later than December 31, 2025. Certain components of your UST system meet these permanent closure requirements. There are low interest loans, grants and soil sampling funding available to facilities that qualify. Contact this department if you would like additional guidance and/ or assistance.
Eval Division: Sacramento County Env Management Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 50110
Site Name: More For Less #24
Site Address: 702 N LINCOLN WAY
Site City: GALT
Site Zip: 95632
Enf Action Date: 03-11-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported

FOOD & LIQUOR #183 (Continued) **U001612983**

Enf Action Division: Sacramento County Env Management Department
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Site Address: 702 N LINCOLN WAY
Site City: GALT
Site Zip: 95632
Enf Action Date: 03-12-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Sacramento County Env Management Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Site Address: 702 N LINCOLN WAY
Site City: GALT
Site Zip: 95632
Enf Action Date: 03-12-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Sacramento County Env Management Department
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Site Address: 702 N LINCOLN WAY
Site City: GALT
Site Zip: 95632
Enf Action Date: 03-21-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Sacramento County Env Management Department
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Site Address: 702 N LINCOLN WAY
Site City: GALT
Site Zip: 95632
Enf Action Date: 03-27-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Sacramento County Env Management Department
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 50110

FOOD & LIQUOR #183 (Continued) **U001612983**

Site Name: More For Less #24
Site Address: 702 N LINCOLN WAY
Site City: GALT
Site Zip: 95632
Enf Action Date: 06-15-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Sacramento County Env Management Department
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Site Address: 702 N LINCOLN WAY
Site City: GALT
Site Zip: 95632
Enf Action Date: 06-15-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Sacramento County Env Management Department
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Site Address: 702 N LINCOLN WAY
Site City: GALT
Site Zip: 95632
Enf Action Date: 06-21-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Sacramento County Env Management Department
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 50110
Site Name: More For Less #24
Site Address: 702 N LINCOLN WAY
Site City: GALT
Site Zip: 95632
Enf Action Date: 06-30-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Sacramento County Env Management Department
Enf Action Program: UST
Enf Action Source: CERS,

Coordinates:
Site ID: 50110
Facility Name: More For Less #24
Env Int Type Code: HWG
Program ID: 10173907
Coord Name: Not reported

FOOD & LIQUOR #183 (Continued) **U001612983**

Ref Point Type Desc: Center of a facility or station.,
Latitude: 38.268280
Longitude: -121.302670

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Robert Matthews
Entity Title: Not reported
Affiliation Address: 3336 Bradshaw Rd. #260
Affiliation City: Sacramento
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95827
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3336 Bradshaw Rd. Ste 260
Affiliation City: Sacramento
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95827
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Robert Matthews
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Convenience Acquisition Co, LLC
Entity Title: Not reported
Affiliation Address: 3336 Bradshaw Rd. Ste 260
Affiliation City: Gold River
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95670
Affiliation Phone: (916) 369-9740,

Affiliation Type Desc: Operator
Entity Name: Robert Montoya
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (209) 642-1325,

Affiliation Type Desc: UST Tank Owner
Entity Name: Convenience Acquisition Co, LLC

FOOD & LIQUOR #183 (Continued) **U001612983**

Entity Title:	Not reported
Affiliation Address:	3336 Bradshaw Rd., Suite 260
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95827
Affiliation Phone:	(916) 369-9740,
Affiliation Type Desc:	Document Preparer
Entity Name:	Robert Matthews
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Robert Frost
Entity Title:	CFO
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(916) 369-9740,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	Convenience Acquisition Co, LLC
Entity Title:	Not reported
Affiliation Address:	3336 Bradshaw Rd., Suite 260
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95827
Affiliation Phone:	(916) 369-9740,
Affiliation Type Desc:	CUPA District
Entity Name:	Sacramento County Environmental Management Departm
Entity Title:	Not reported
Affiliation Address:	11080 WHITE ROCK ROAD, STE. 200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95670
Affiliation Phone:	(916) 875-8550,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Convenience Acquistion Company, LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

FOOD & LIQUOR #183 (Continued) **U001612983**

Affiliation Type Desc:	Property Owner
Entity Name:	Convenience Acquisition Co, LLC
Entity Title:	Not reported
Affiliation Address:	3336 Bradshaw Rd. Ste 260
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95827
Affiliation Phone:	(916) 369-9740,

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Convenience Acquisition Co, LLC
Entity Title:	Not reported
Affiliation Address:	3336 Bradshaw Rd., Suite 260
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95827
Affiliation Phone:	(916) 369-9740,

B15 **MORE FOR LESS #24** **Sacramento Co. ML** **S123292861**
SSW **702 N LINCOLN WAY** **N/A**
1/8-1/4 **GALT, CA 95632**
0.182 mi.
960 ft. **Site 6 of 8 in cluster B**

Relative: **Lower**

Actual: **51 ft.**

Sacramento Co. ML:

Name:	MORE FOR LESS #24
Address:	702 N LINCOLN WAY
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported
Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	A
Billing Codes UST:	A
WG Bill Code:	A
Target Property Bill Cod:	Not reported
Food Bill Code:	Not reported
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	7
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

B16
SSW
1/8-1/4
0.182 mi.
960 ft.

DMC GREEN, MORE FOR LESS #183
702 N. LINCOLN WAY
GALT, CA 95632

Site 7 of 8 in cluster B

UST **U004354610**
N/A

Relative:
Lower

Actual:
51 ft.

UST:

Name:	DMC GREEN, MORE FOR LESS #183
Address:	702 N. LINCOLN WAY
City,State,Zip:	GALT, CA 95632
Facility ID:	FA0043964
Permitting Agency:	SACRAMENTO COUNTY
CERSID:	Not reported
Latitude:	38.268258
Longitude:	-121.303158
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

B17 **DMC GREEN MORE FOR LESS #183** **Sacramento Co. ML** **S123290662**
SSW **702 N LINCOLN WAY** **N/A**
1/8-1/4 **GALT, CA 95632**
0.182 mi.
960 ft. **Site 8 of 8 in cluster B**

Relative: Sacramento Co. ML:
Lower

Actual: Name: DMC GREEN MORE FOR LESS #183
51 ft. Address: 702 N LINCOLN WAY
City,State,Zip: GALT, CA 95632
Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: I
Billing Codes UST: I
WG Bill Code: I
Target Property Bill Cod: Not reported
Food Bill Code: Not reported
CUPA Permit Date: Not reported
HAZMAT Permit Date: Not reported
HAZMAT Inspection Date: Not reported
Hazmat Date BP Received: Not reported
UST Permit Dt: Not reported
UST Inspection Date: Not reported
UST Tank Test Date: Not reported
Number of Tanks: 3
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

C18 **GOLDEN STATE AUTOMOTIVE GROUP LLC** **RCRA NonGen / NLR** **1027469071**
WNW **10391 LIVE OAK AVE STE C** **CAL000473486**
1/8-1/4 **GALT, CA 95632**
0.182 mi.
962 ft. **Site 1 of 9 in cluster C**

Relative: RCRA Listings:
Lower

Actual: Date Form Received by Agency: 20220928
46 ft. Handler Name: Golden State Automotive Group Llc
Handler Address: 10391 Live Oak Ave Ste C
Handler City,State,Zip: GALT, CA 95632
EPA ID: CAL000473486
Contact Name: SHAKIL KHAN
Contact Address: 921 WIMBLEDON DR
Contact City,State,Zip: LODI, CA 95240
Contact Telephone: 209-200-3046
Contact Fax: Not reported
Contact Email: GOLDENSTATE1AUTO@GMAIL.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

GOLDEN STATE AUTOMOTIVE GROUP LLC (Continued) **1027469071**

Mailing Address:		921 WIMBLEDON DR
Mailing City,State,Zip:		LODI, CA 95240
Owner Name:	Golden State Automotive Group Llc	
Owner Type:		Other
Operator Name:	Shakil Khan	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20221004
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: SHAKIL KHAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	921 WIMBLEDON DR
Owner/Operator City,State,Zip:	LODI, CA 95240
Owner/Operator Telephone:	209-200-3046

GOLDEN STATE AUTOMOTIVE GROUP LLC (Continued) **1027469071**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GOLDEN STATE AUTOMOTIVE GROUP LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10391 LIVE OAK AVE STE C
Owner/Operator City,State,Zip: GALT, CA 95632
Owner/Operator Telephone: 209-200-3046
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220928
Handler Name: GOLDEN STATE AUTOMOTIVE GROUP LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: General Automotive Repair

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C19 **DELTA FLEET SERVICE** **RCRA NonGen / NLR** **1027217312**
WNW **10391 LIVE OAK AVE STE B** **CAL000469151**
1/8-1/4 **GALT, CA 95632**
0.182 mi.
962 ft. **Site 2 of 9 in cluster C**

Relative:
Lower

Actual:
46 ft.

RCRA Listings:
Date Form Received by Agency: 20230626
Handler Name: Delta Fleet Service
Handler Address: Live Oak Ave Ste B
Handler City,State,Zip: GALT, CA 95632
EPA ID: CAL000469151
Contact Name: MATTHEW HALL
Contact Address: LIVE OAK AVE STE B
Contact City,State,Zip: GALT, CA 95632

DELTA FLEET SERVICE (Continued) **1027217312**

Contact Telephone:		209-687-4278
Contact Fax:		Not reported
Contact Email:		MHALL.DELTAFLEET@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 8442
Mailing City,State,Zip:		STOCKTON, CA 95208
Owner Name:	Delta Fleet Services Llc	
Owner Type:		Other
Operator Name:	Delta Fleet Services Llc	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20230626
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

DELTA FLEET SERVICE (Continued) **1027217312**

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: MATTHEW HALL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10391 LIVE OAK AVE STE B
Owner/Operator City,State,Zip: GALT, CA 95632
Owner/Operator Telephone: 209-224-1679
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DELTA FLEET SERVICES LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 241 2ND ST
Owner/Operator City,State,Zip: GALT, CA 95632
Owner/Operator Telephone: 209-224-1679
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DELTA FLEET SERVICES LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 241 2ND ST
Owner/Operator City,State,Zip: GALT, CA 95632
Owner/Operator Telephone: 209-687-4278
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DELTA FLEET SERVICES LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 241 2ND ST
Owner/Operator City,State,Zip: GALT, CA 95632
Owner/Operator Telephone: 209-224-1679
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20220309
Handler Name: DELTA FLEET SERVICE

DELTA FLEET SERVICE (Continued) **1027217312**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20230626
Handler Name: DELTA FLEET SERVICE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	All Other Waste Management Services

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

C20 **VERIZON WIRELESS GALT INDUSTRIAL** **HWTS** **S108054281**
WNW **10391 LIVE OAK AVE** **Sacramento Co. ML** **N/A**
1/8-1/4 **GALT, CA 95632** **CERS**
0.182 mi.
962 ft. **Site 3 of 9 in cluster C**

Relative: **Lower**
Actual: **46 ft.**

HWTS:

Name:	NEW CINGULAR WIRELESS PCS LLC
Address:	10391 LIVE OAK AVE
Address 2:	Not reported
City,State,Zip:	GALT, CA 95632
EPA ID:	CAL000477849
Inactive Date:	Not reported
Create Date:	05/02/2023
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	311 S AKARD ST 12 FLR
Mailing Address 2:	17TH FLOOR - WASTE
Mailing City,State,Zip:	DALLAS, TX 752020000
Owner Name:	NEW CINGULAR WIRELESS PCS, LLC
Owner Address:	1025 LENOX BLVD NE

VERIZON WIRELESS GALT INDUSTRIAL (Continued) **S108054281**

Owner Address 2:	Not reported
Owner City,State,Zip:	ATLANTA, GA 30319
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	EH&S WASTE MANAGER/TEAM
Contact Address:	311 S. AKARD ST.
Contact Address 2:	12TH FLOOR - WASTE
City,State,Zip:	DALLAS, TX 75202
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	Permanent
Category:	State
Latitude:	38.27457691
Longitude:	-121.30582008

Name:	GOLDEN STATE AUTOMOTIVE GROUP LLC
Address:	10391 LIVE OAK AVE STE C
Address 2:	Not reported
City,State,Zip:	GALT, CA 95632
EPA ID:	CAL000473486
Inactive Date:	Not reported
Create Date:	09/28/2022
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	921 WIMBLEDON DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	LODI, CA 95240
Owner Name:	GOLDEN STATE AUTOMOTIVE GROUP LLC
Owner Address:	10391 LIVE OAK AVE STE C
Owner Address 2:	Not reported
Owner City,State,Zip:	GALT, CA 95632
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	SHAKIL KHAN
Contact Address:	921 WIMBLEDON DR
Contact Address 2:	Not reported
City,State,Zip:	LODI, CA 95240
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	Permanent
Category:	State
Latitude:	38.27457691
Longitude:	-121.30582008

Sacramento Co. ML:

Name:	VERIZON WIRELESS GALT INDUSTRIAL
Address:	10391 LIVE OAK AVE
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported
Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	A
Billing Codes UST:	Not reported
WG Bill Code:	Not reported
Target Property Bill Cod:	Not reported

VERIZON WIRELESS GALT INDUSTRIAL (Continued) **S108054281**

Food Bill Code:	Not reported
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	Not reported
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

CERS:

Name:	VERIZON WIRELESS GALT INDUSTRIAL
Address:	10391 LIVE OAK AVE
City,State,Zip:	GALT, CA 95632
Site ID:	405913
CERS ID:	10143313
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-10-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No violations noted this date.
Eval Division:	Sacramento County Env Management Department
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-29-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspection report emailed to Martin Anderson, Engineer III, at mike.anderson@verizonwireless.com due to COVID-19. No violations observed at the time of inspection.
Eval Division:	Sacramento County Env Management Department
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-14-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	NOTE: No violations observed at time of inspection.
Eval Division:	Sacramento County Env Management Department
Eval Program:	HMRRP
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Steve Skanderson
Entity Title:	Not reported

VERIZON WIRELESS GALT INDUSTRIAL (Continued) **S108054281**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Environmental Compliance
Entity Title:	Not reported
Affiliation Address:	295 Parkshore Drive
Affiliation City:	Folsom
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95630
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Verizon Wireless [Northern California]
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Sacramento County Environmental Management Departm
Entity Title:	Not reported
Affiliation Address:	11080 WHITE ROCK ROAD, STE. 200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95670
Affiliation Phone:	(916) 875-8550,
Affiliation Type Desc:	Identification Signer
Entity Name:	armand delgado
Entity Title:	environmental compliance mgr
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Verizon Wireless
Entity Title:	Not reported
Affiliation Address:	295 Parkshore Drive
Affiliation City:	Folsom
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95630
Affiliation Phone:	(866) 694-2415,

VERIZON WIRELESS GALT INDUSTRIAL (Continued) **S108054281**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	295 Parkshore Drive
Affiliation City:	Folsom
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95630
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Verizon Wireless
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:	(866) 694-2415,

Name:	AT&T MOBILITY - CVL03213 (USID269367)
Address:	10391 LIVE OAK AVE
City,State,Zip:	GALT, CA 95632
Site ID:	698687
CERS ID:	10923124
CERS Description:	Chemical Storage Facilities

Coordinates:

Site ID:	698687
Facility Name:	AT&T Mobility - CVL03213 (USID269367)
Env Int Type Code:	HMBP
Program ID:	10923124
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	38.274440
Longitude:	-121.306080

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	311 S. Akard Street, Floor 12
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Jeremy McGrue
Entity Title:	National EPCRA Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

VERIZON WIRELESS GALT INDUSTRIAL (Continued) **S108054281**

Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	AT&T Mobility
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:	(800) 566-9347,
Affiliation Type Desc:	Document Preparer
Entity Name:	Peter Burnell, Sigma Consultants, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	AT&T EH&S Hotline - Option #1
Entity Title:	Not reported
Affiliation Address:	311 S. Akard Street, Floor 12
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Sacramento County Environmental Management Departm
Entity Title:	Not reported
Affiliation Address:	11080 WHITE ROCK ROAD, STE. 200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95670
Affiliation Phone:	(916) 875-8550,
Affiliation Type Desc:	Legal Owner
Entity Name:	New Cingular Wireless PCS, LLC dba AT&T Mobility
Entity Title:	Not reported
Affiliation Address:	311 S. Akard Street, Floor 12
Affiliation City:	Dallas

VERIZON WIRELESS GALT INDUSTRIAL (Continued) **S108054281**

Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75202
Affiliation Phone:	(469) 295-2319,

C21 **VHPERFORMANCE** **RCRA NonGen / NLR** **1026722556**
WNW **10391 LIVE OAK AVE** **CAL000459627**
1/8-1/4 **GALT, CA 95632**
0.182 mi.
962 ft. **Site 4 of 9 in cluster C**

Relative: **Lower**
Actual: **46 ft.**

RCRA Listings:

Date Form Received by Agency:		20210126
Handler Name:		Vhperformance
Handler Address:		10391 Live Oak Ave
Handler City,State,Zip:		GALT, CA 95632
EPA ID:		CAL000459627
Contact Name:		JASON VAN HORN
Contact Address:		24343 KENNEFICK RD
Contact City,State,Zip:		2093293207, CA 95632
Contact Telephone:		209-329-3207
Contact Fax:		Not reported
Contact Email:		Not reported
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:		10391 LIVE OAK AVE
Mailing City,State,Zip:		GALT, CA 95632
Owner Name:	Jason Van Horn	
Owner Type:		Other
Operator Name:	Jason Van Horn	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline

VHPERFORMANCE (Continued) **1026722556**

2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JASON VAN HORN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	24343 KENNEFICK RD
Owner/Operator City,State,Zip:	2093293207, CA 95632
Owner/Operator Telephone:	209-329-3207
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: JASON VAN HORN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	24343 KENNEFICK RD
Owner/Operator City,State,Zip:	2093293207, CA 95632
Owner/Operator Telephone:	208-329-3207
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210126
Handler Name: VHPERFORMANCE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

VHPERFORMANCE (Continued) **1026722556**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: General Automotive Repair

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C22 WNW 1/8-1/4 0.182 mi. 962 ft. **PERFORMANCE MUFFLER & BRAKE** **RCRA NonGen / NLR** **1024862162**
10391 LIVE OAK AVE STE A **E MANIFEST** **CAL000430673**
GALT, CA 95632

Site 5 of 9 in cluster C

Relative: Lower

Actual: 46 ft.

RCRA Listings:

Date Form Received by Agency:		20170914
Handler Name:		Performance Muffler & Brake
Handler Address:		10391 Live Oak Ave Ste A
Handler City,State,Zip:		GALT, CA 95632
EPA ID:		CAL000430673
Contact Name:		LES FRIEND
Contact Address:		10391 LIVE OAK AVE STE A
Contact City,State,Zip:		GALT, CA 95632
Contact Telephone:		209-745-1500
Contact Fax:		209-745-5321
Contact Email:		MCLAVE@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 5006
Mailing City,State,Zip:		GALT, CA 95632
Owner Name:	Les Friend	
Owner Type:		Other
Operator Name:	Les Friend	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No

PERFORMANCE MUFFLER & BRAKE (Continued) **1024862162**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: LES FRIEND	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10391 LIVE OAK AVE STE A
Owner/Operator City,State,Zip:	GALT, CA 95632
Owner/Operator Telephone:	209-745-1500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: LES FRIEND	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13400 CABRAL CIRCLE

PERFORMANCE MUFFLER & BRAKE (Continued) **1024862162**

Owner/Operator City,State,Zip: GALT, CA 95632
Owner/Operator Telephone: 209-745-1500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20170914
Handler Name: PERFORMANCE MUFFLER & BRAKE
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

E MANIFEST:
Manifest Tracking Number: 016870044JJK
Last Updated Date: 20181219
Shipped Date: 20181126
Received Date: 20181210
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: CAL000430673
Generator Name: Performance Muffler & Brake
Generator Location Street Number: Not reported
Generator Location Street 1: 10391 LIVE OAK AVE STE A
Generator Location Street 2: Not reported
Generator Location City: GALT
Generator Location State: CA
Generator Location Zip: 95632
Generator Mail Street Number: Not reported
Generator Mail Street 1: PO BOX 5006
Generator Mail Street 2: Not reported
Generator Mail City: GALT
Generator Mail Zip: 95632
Generator Mail State: CA
Generator Contact Company Name: Not reported
Designated Facility EPA ID: AZR000515924

PERFORMANCE MUFFLER & BRAKE (Continued) **1024862162**

Designated Facility Name:	Yuma Yes Waste Transfer Facility
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E 13TH ST
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365-1901
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2730 E 13TH ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365-1901
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	017695123JJK
Last Updated Date:	20200117
Shipped Date:	20191216
Received Date:	20191223
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000430673
Generator Name:	Performance Muffler Brake Galt - Per113
Generator Location Street Number:	Not reported
Generator Location Street 1:	10391 LIVE OAK AVE STE A
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	P.O. BOX 5006
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000521146
Designated Facility Name:	Yuma Yes 2 Waste Transfer Station
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	STE 105
Designated Facility Mail Street 2:	2621 GREEN RIVER RD
Designated Facility Mail City:	CORONA
Designated Facility Mail Zip:	92882
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6500 S US HIGHWAY 95
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

PERFORMANCE MUFFLER & BRAKE (Continued) **1024862162**

State Waste:
- Manifest Tracking Number: 017695123JJK
- Waste Line Number: 1
- State Waste Code Owner: CA
- State Waste Code: 352
- State Waste: Other organic solids

Transporter:
- Manifest Tracking Number: 017695123JJK
- Transporter Line Number: 1
- Transporter EPA ID: CAD028277036
- Transporter Name: Asbury Environmental Services Dba World Oil Enviromental Services

- Manifest Tracking Number: 017695123JJK
- Transporter Line Number: 2
- Transporter EPA ID: CAR000175422
- Transporter Name: Worldwide Recovery System Inc

Waste Line:
- Manifest Tracking Number: 017695123JJK
- Waste Line Number: 1
- U.S. DOT Hazardous Indicator: N
- U.S. DOT ID Number: Not reported
- U.S. DOT Description: Not reported
- Non-Hazardous Waste Description: NON-RCRA HAZARDOUS WASTE SOLID (PAPER FILTERS)
- Number of Containers: 1
- Container Type Code: DM
- Container Type Description: Metal drums, barrels, kegs
- Waste Quantity: 150
- Quantity Unit of Measure Code: P
- Quantity Unit of Measure Description: Pounds
- Waste Quantity, in Tons: 0.075
- Acute Waste Quantity, in Tons: 0
- Non-Acute Waste Quantity, in Tons: 0.075
- Waste Quantity, in Kilograms: 68.02725
- Acute Waste Quantity, in Kilograms: 0
- Non-Acute Waste Quantity, in Kilorgrams: 68.02725
- Management Method Code: H141
- Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
- Waste Residue Indicator: N
- Quantity Discrepancy Indicator: N
- Waste Type Discrepancy Indicator: N
- Waste Density: Not reported
- Waste Density Unit of Measure Code: Not reported
- Waste Density Unit of Measure Description: Not reported
- Form Code: Not reported
- Form Code Description: Not reported
- Source Code: Not reported
- Source Code Description: Not reported
- Waste Minimization Code: Not reported
- Waste Minimization Code Description: Not reported
- Consent Number: Not reported
- EPA Waste Indicator: N

C23 **NEW CINGULAR WIRELESS PCS LLC** **RCRA NonGen / NLR** **1027701256**
WNW **10391 LIVE OAK AVE** **CAL000477849**
1/8-1/4 **GALT, CA 95632**
0.182 mi.
962 ft. **Site 6 of 9 in cluster C**

Relative: **Lower**

Actual: **46 ft.**

RCRA Listings:

Date Form Received by Agency:		20230502
Handler Name:		New Cingular Wireless Pcs Llc
Handler Address:		10391 Live Oak Ave
Handler City,State,Zip:		GALT, CA 95632
EPA ID:		CAL000477849
Contact Name:		DOROTHY LEWIS
Contact Address:		311 S AKARD ST 12TH FL
Contact City,State,Zip:		DALLAS, TX 75202
Contact Telephone:		800-566-9347
Contact Fax:		214-464-1424
Contact Email:		Not reported
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:		311 S AKARD ST 12TH FL
Mailing City,State,Zip:		DALLAS, TX 75202
Owner Name:	New Cingular Wireless Pcs Llc	
Owner Type:		Other
Operator Name:	Dorothy Lewis	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No

NEW CINGULAR WIRELESS PCS LLC (Continued) **1027701256**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230505
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: NEW CINGULAR WIRELESS PCS LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1025 LENOX BLVD NE
Owner/Operator City,State,Zip:	ATLANTA, GA 30319
Owner/Operator Telephone:	800-566-9347
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: DOROTHY LEWIS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 S AKARD ST 12TH FL
Owner/Operator City,State,Zip:	DALLAS, TX 75202
Owner/Operator Telephone:	800-566-9347
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20230502
Handler Name: NEW CINGULAR WIRELESS PCS LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

NEW CINGULAR WIRELESS PCS LLC (Continued) **1027701256**

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: All Other Waste Management Services

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C24 **HEADSTRONG PERFORMANCE LLC** **RCRA NonGen / NLR** **1031281861**
WNW **10391 LIVE OAK AVE** **CAL000487395**
1/8-1/4 **GALT, CA 95632**
0.182 mi.
962 ft. **Site 7 of 9 in cluster C**

Relative: **Lower**
Actual: **46 ft.**

RCRA Listings:

Date Form Received by Agency:		20240719
Handler Name:		Headstrong Performance Llc
Handler Address:		10391 Live Oak Ave
Handler City,State,Zip:		GALT, CA 95632
EPA ID:		CAL000487395
Contact Name:		CHAD ARMSTRONG
Contact Address:		10391 LIVE OAK AVE
Contact City,State,Zip:		GALT, CA 95632
Contact Telephone:		209-774-6164
Contact Fax:		Not reported
Contact Email:		1HEADSTRONGPERFORMANCE@GMAIL.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:		10391 LIVE OAK AVE
Mailing City,State,Zip:		GALT, CA 95632
Owner Name:	Headstrong Performance Llc	
Owner Type:		Other
Operator Name:	Chad Armstrong	
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

HEADSTRONG PERFORMANCE LLC (Continued) **1031281861**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20240720
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: CHAD ARMSTRONG	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10391 LIVE OAK AVE
Owner/Operator City,State,Zip:	GALT, CA 95632
Owner/Operator Telephone:	209-774-6164
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: HEADSTRONG PERFORMANCE LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10391 LIVE OAK AVE
Owner/Operator City,State,Zip:	GALT, CA 95632
Owner/Operator Telephone:	209-774-6164
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HEADSTRONG PERFORMANCE LLC (Continued) **1031281861**

Historic Generators:
Receive Date: 20240719
Handler Name: HEADSTRONG PERFORMANCE LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 811490
NAICS Description: Other Personal And Household Goods Repair And Maintenance

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C25 **PERFORMANCE MUFFLER & BRAKE** **CERS HAZ WASTE** **S121782157**
WNW **10391 LIVE OAK AVE STE A** **HWTS** **N/A**
1/8-1/4 **GALT, CA 95632** **HAZNET**
0.182 mi. **Sacramento Co. ML**
962 ft. **Site 8 of 9 in cluster C** **CERS**

Relative: Lower
Actual: 46 ft.

CERS HAZ WASTE:
Name: PERFORMANCE MUFFLER & BRAKE
Address: 10391 LIVE OAK AVE STE A
City,State,Zip: GALT, CA 95632
Site ID: 425471
CERS ID: 10226188
CERS Description: Hazardous Waste Generator

HWTS:
Name: PERFORMANCE MUFFLER & BRAKE
Address: 10391 LIVE OAK AVE STE A
Address 2: Not reported
City,State,Zip: GALT, CA 95632
EPA ID: CAL000430673
Inactive Date: Not reported
Create Date: 09/14/2017
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 5006
Mailing Address 2: Not reported
Mailing City,State,Zip: GALT, CA 956320000
Owner Name: LES FRIEND
Owner Address: PO BOX 5006
Owner Address 2: Not reported

PERFORMANCE MUFFLER & BRAKE (Continued) **S121782157**

Owner City,State,Zip:	GALT, CA 95632
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	LES FRIEND/OWNER
Contact Address:	10391 LIVE OAK AVE SUITE A
Contact Address 2:	Not reported
City,State,Zip:	GALT, CA 95632
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	38.274579
Longitude:	-121.3058205

NAICS:

EPA ID:	CAL000430673
Create Date:	2017-09-14 09:45:07.570
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2017-09-14 09:45:07.56700
Inactive Date:	Not reported
Facility Name:	PERFORMANCE MUFFLER & BRAKE
Facility Address:	10391 LIVE OAK AVE STE A
Facility Address 2:	Not reported
Facility City:	GALT
Facility County:	Not reported
Facility State:	CA
Facility Zip:	95632

HAZNET:

Name:	PERFORMANCE MUFFLER & BRAKE
Address:	10391 LIVE OAK AVE STE A
Address 2:	Not reported
City,State,Zip:	GALT, CA 956320000
Contact:	LES FRIEND/OWNER
Telephone:	2097451500
Mailing Name:	Not reported
Mailing Address:	PO BOX 5006
Year:	2019
Gepaid:	CAL000430673
TSD EPA ID:	AZR000521146
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.07500
Year:	2018
Gepaid:	CAL000430673
TSD EPA ID:	AZR000515924
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.06000

PERFORMANCE MUFFLER & BRAKE (Continued) **S121782157**

Year:	2017
Gepaid:	CAL000430673
TSD EPA ID:	CAD097030993
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.075

Additional Information:

Year:	2018
EM Manifest ID:	200876
Shipment Date:	11/26/2018
Shipment Date:	11/26/2018
Receipt Date:	12/10/2018
Manifest Number:	016870044JJK
Generator EPA ID:	CAL000430673
Name:	PERFORMANCE MUFFLER & BRAKE
Address:	10391 LIVE OAK AVE STE A
Address 2:	Not reported
City,State,Zip:	GALT 95632
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	209-745-1500
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365-1901
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2018
EM Manifest ID:	200876
Generator EPA ID:	CAL000430673
Shipment Date:	2018-11-26
Manifest Number:	016870044JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.06000
Quantity Waste:	120.000000
Quantity Unit:	P
Number of Containers:	1

PERFORMANCE MUFFLER & BRAKE (Continued) **S121782157**

Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Additional Information:

Year:	2017
Gen EPA ID:	CAL000430673
Shipment Date:	20171212
Creation Date:	8/10/2018 18:30:24
Receipt Date:	20171229
Manifest ID:	018237523JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Sacramento Co. ML:

Name:	PERFORMANCE MUFFLER & BRAKE
Address:	10391 LIVE OAK AVE STE A
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported
Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	A
Billing Codes UST:	Not reported
WG Bill Code:	A
Target Property Bill Cod:	Not reported
Food Bill Code:	Not reported
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	Not reported
UST Tank Test Date:	Not reported
SIC Code:	Not reported

PERFORMANCE MUFFLER & BRAKE (Continued) **S121782157**

Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

CERS:
Name: PERFORMANCE MUFFLER & BRAKE
Address: 10391 LIVE OAK AVE STE A
City,State,Zip: GALT, CA 95632
Site ID: 425471
CERS ID: 10226188
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 425471
Site Name: Performance Muffler & Brake
Violation Date: 05-31-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 05/31/2018. OBSERVATION: The Chemical Inventory sheets for Used Oil and Used Antifreeze both state the maximum daily amount of each on site as being 2 gallons even though the used oil is in a 200 gallon tank and the coolant in a 55 gallon drum. The response needs to be the maximum amount stored on site, not used each day. REQUIRED ACTION: Login to the website for CERS, revise the forms electronically, save, and submit. NOTIFY D STEELE (Steeled@saccounty.net) WHEN THE SUBMITTAL OCCURS TO CLEAR THE VIOLATION.
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 425471
Site Name: Performance Muffler & Brake
Violation Date: 05-31-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 05/31/2018. OBSERVATION: The Business Activities form incorrectly states this facility has reportable quantities of hazardous materials. None was observed above 200 cubic feet if a gas, 55 gallons if a liquid, or 500 lbs as a solid. REQUIRED ACTION: Login to the website for CERS, revise the form electronically, save, and submit. NOTIFY D STEELE (Steeled@saccounty.net) WHEN THE SUBMITTAL OCCURS TO CLEAR THE VIOLATION.
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018
Violations Found: No
Eval Type: Routine done by local agency

PERFORMANCE MUFFLER & BRAKE (Continued) **S121782157**

Eval Notes: No Violations observed at this time.
Eval Division: Sacramento County Env Management Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOTE: Log into CERS online system to correct Business Activities and Chemical Inventory forms.
Eval Division: Sacramento County Env Management Department
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Performance Muffler
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: LES FRIEND
Entity Title: Not reported
Affiliation Address: P. O. Box 5006
Affiliation City: Galt
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95632
Affiliation Phone: (209) 745-1500,

Affiliation Type Desc: Identification Signer
Entity Name: Les Friend
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: LES FRIEND
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (209) 745-1500,

Affiliation Type Desc: CUPA District

PERFORMANCE MUFFLER & BRAKE (Continued) **S121782157**

Entity Name:	Sacramento County Environmental Management Departm
Entity Title:	Not reported
Affiliation Address:	11080 WHITE ROCK ROAD, STE. 200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95670
Affiliation Phone:	(916) 875-8550,
Affiliation Type Desc:	Environmental Contact
Entity Name:	LES FRIEND
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5006
Affiliation City:	Galt
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95632
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5006
Affiliation City:	Galt
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95632
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	PERFORMANCE MUFFLER & BRAKE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Leslie J. Friend
Entity Title:	Not reported
Affiliation Address:	PO BOX 5006
Affiliation City:	GALT
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95632
Affiliation Phone:	(916) 812-2604,

D26 **CONSOLIDATED FABRICATORS CORP** **RCRA NonGen / NLR** **1027528335**
West **650 LIVE OAK AVE** **CAL000387743**
1/8-1/4 **GALT, CA 95632**
0.206 mi.
1089 ft. **Site 1 of 4 in cluster D**

Relative:
Lower

Actual:
48 ft.

RCRA Listings:

Date Form Received by Agency:	20130725
Handler Name:	Consolidated Fabricators Corp
Handler Address:	650 Live Oak Ave
Handler City,State,Zip:	GALT, CA 95632
EPA ID:	CAL000387743
Contact Name:	IGNACIO CUEVAS
Contact Address:	14620 ARMINTA ST
Contact City,State,Zip:	VAN NUYS, CA 91402
Contact Telephone:	209-744-2704
Contact Fax:	209-744-2716
Contact Email:	IGNACIO@CONFABBPD.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:	14620 ARMINTA ST
Mailing City,State,Zip:	VAN NUYS, CA 91402
Owner Name:	Consolidated Fabricators Corporation
Owner Type:	Other
Operator Name:	Ignacio Cuevas
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CONSOLIDATED FABRICATORS CORP (Continued) **1027528335**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230203
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:	CONSOLIDATED FABRICATORS CORPORATION
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14620 ARMINTA ST
Owner/Operator City,State,Zip:	VAN NUYS, CA 91402
Owner/Operator Telephone:	818-933-5120
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	IGNACIO CUEVAS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14620 ARMINTA ST
Owner/Operator City,State,Zip:	VAN NUYS, CA 91402
Owner/Operator Telephone:	209-744-2704
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20130725
Handler Name:	CONSOLIDATED FABRICATORS CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CONSOLIDATED FABRICATORS CORP (Continued) **1027528335**

List of NAICS Codes and Descriptions:
NAICS Code: 332323
NAICS Description: Ornamental And Architectural Metal Work Manufacturing

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D27 **CONSOLIDATED FABRICATORS CORP** **HWTS** **S110445761**
West **650 LIVE OAK AVE** **Sacramento Co. ML** **N/A**
1/8-1/4 **GALT, CA 95632**
0.206 mi.
1089 ft. **Site 2 of 4 in cluster D**

Relative: **Lower**
Actual: **48 ft.**

HWTS:
Name: CONSOLIDATED FABRICATORS CORP
Address: 650 LIVE OAK AVE
Address 2: Not reported
City,State,Zip: GALT, CA 95632
EPA ID: CAL000387743
Inactive Date: 06/30/2016
Create Date: 07/25/2013
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 14620 ARMINTA ST.
Mailing Address 2: Not reported
Mailing City,State,Zip: VAN NUYS, CA 914020000
Owner Name: MELIDEO MICHAEL
Owner Address: 14620 ARMINTA STREET
Owner Address 2: Not reported
Owner City,State,Zip: VAN NUYS, CA 914020000
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: JEFF LOMBARDI
Contact Address: 14620 ARMINTA ST.
Contact Address 2: Not reported
City,State,Zip: VAN NUYS, CA 91402
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 38.273238
Longitude: -121.3066755

NAICS:
EPA ID: CAL000387743
Create Date: 2013-07-25 08:40:37.370
NAICS Code: 333924
NAICS Description: Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing
Issued EPA ID Date: 2013-07-25 08:40:37.34300
Inactive Date: 2016-06-30 00:00:00
Facility Name: CONSOLIDATED FABRICATORS CORP

CONSOLIDATED FABRICATORS CORP (Continued) **S110445761**

Facility Address:	650 LIVE OAK AVE
Facility Address 2:	Not reported
Facility City:	GALT
Facility County:	Not reported
Facility State:	CA
Facility Zip:	956328769

Sacramento Co. ML:

Name:	CONSOLIDATED FABRICATORS CORP
Address:	650 LIVE OAK AVE
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported
Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	I
Billing Codes UST:	Not reported
WG Bill Code:	Not reported
Target Property Bill Cod:	Not reported
Food Bill Code:	Not reported
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	Not reported
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

D28 **SCAFCO CORPORATION** **RCRA NonGen / NLR** **1031048456**
West **650 LIVE OAK AVE** **E MANIFEST** **CAC003275513**
1/8-1/4 **GALT, CA 95632**
0.206 mi.
1089 ft. **Site 3 of 4 in cluster D**

Relative: **Lower**

Actual: **48 ft.**

RCRA Listings:

Date Form Received by Agency:	20240529
Handler Name:	Scafco Corporation
Handler Address:	650 Live Oak Ave
Handler City,State,Zip:	GALT, CA 95632
EPA ID:	CAC003275513
Contact Name:	CORY ENOS
Contact Address:	650 LIVE OAK AVE
Contact City,State,Zip:	GALT, CA 95632
Contact Telephone:	916-709-0322
Contact Fax:	Not reported
Contact Email:	KATHLEENSTOESER@STONEGCO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

SCAFCO CORPORATION (Continued) **1031048456**

Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		Not reported
Mailing City,State,Zip:		Not reported
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	Not reported	
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20240918
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: SCAFCO CORPORATION	
Legal Status:	Other

SCAFCO CORPORATION (Continued) **1031048456**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2800 E. MAIN AVE
Owner/Operator City,State,Zip: SPOKANE, WA 99202
Owner/Operator Telephone: 509-343-9000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CORY ENOS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 650 LIVE OAK AVE
Owner/Operator City,State,Zip: GALT, CA 95632
Owner/Operator Telephone: 916-709-0322
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20240228
Handler Name: SCAFCO CORPORATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20240529
Handler Name: SCAFCO CORPORATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 444180
NAICS Description: Other Building Material Dealers

Facility Has Received Notices of Violations:
Violations: No Violations Found

SCAFCO CORPORATION (Continued) **1031048456**

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	009140426SKS
Last Updated Date:	20240501
Shipped Date:	20240320
Received Date:	20240403
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAC003275513
Generator Name:	Scafco Corporation
Generator Location Street Number:	Not reported
Generator Location Street 1:	650 LIVE OAK AVENUE
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	650 Live Oak Avenue
Generator Mail Street 2:	Not reported
Generator Mail City:	Galt
Generator Mail Zip:	95632
Generator Mail State:	CA
Generator Contact Company Name:	SCAFCO Corporation
Designated Facility EPA ID:	CAD044429835
Designated Facility Name:	Clean Harbors Wilmington Llc
Designated Facility Mail Street Number:	1737
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	East Denni Street
Designated Facility Mail City:	Wilmington
Designated Facility Mail Zip:	90744
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1737
Designated Facility Location Street 1:	East Denni Street
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Wilmington
Designated Facility Location Zip:	90744
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	009140426SKS
Transporter Line Number:	1
Transporter EPA ID:	TXR000081205
Transporter Name:	Safety-Kleen Systems, Inc.

Manifest Tracking Number:	009140426SKS
Transporter Line Number:	2
Transporter EPA ID:	MAD039322250
Transporter Name:	Clean Harbors Environmental Services, Inc.

SCAFCO CORPORATION (Continued) **1031048456**

Waste Line:

Manifest Tracking Number:	009140426SKS
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NONE, NONE, NON RCRA HAZARDOUS WASTE LIQUIDS ,), N/ (OIL W/ LESS THAN 10% WATER), N/A, NONE
Number of Containers:	17
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	5100
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	2.55
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	2.55
Waste Quantity, in Kilograms:	2312.9265
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	2312.9265
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

Manifest Tracking Number:	009140426SKS
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NONE, NONE, NON RCRA HAZARDOUS WASTE LIQUIDS ,), N/ (OIL W/ LESS THAN 10% WATER), N/A, NONE
Number of Containers:	8
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	2400
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	1.2
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	1.2
Waste Quantity, in Kilograms:	1088.436
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	1088.436
Management Method Code:	H141

SCAFCO CORPORATION (Continued) **1031048456**

Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

D29 **GUARDIAN METALS LLC** **RCRA NonGen / NLR** **1031484080**
West **650 LIVE OAK AVE** **CAL000490738**
1/8-1/4 **GALT, CA 95632**
0.206 mi.
1089 ft. **Site 4 of 4 in cluster D**

Relative: **Lower**

Actual: **48 ft.**

RCRA Listings:

Date Form Received by Agency:		20241224
Handler Name:		Guardian Metals Llc
Handler Address:		650 Live Oak Ave
Handler City,State,Zip:		GALT, CA 95632
EPA ID:		CAL000490738
Contact Name:		RYAN MOLLINS
Contact Address:		650 LIVE OAK AVE
Contact City,State,Zip:		GALT, CA 95632
Contact Telephone:		209-843-5295
Contact Fax:		Not reported
Contact Email:		INFO@GUARDIAN-METALS.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:		650 LIVE OAK AVE
Mailing City,State,Zip:		GALT, CA 95632
Owner Name:	Guardian Metals Llc	
Owner Type:		Other
Operator Name:	Ryan Mollins	
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

GUARDIAN METALS LLC (Continued) **1031484080**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20241228
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: GUARDIAN METALS LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	650 LIVE OAK AVE
Owner/Operator City,State,Zip:	GALT, CA 95632
Owner/Operator Telephone:	209-843-5295
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RYAN MOLLINS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	650 LIVE OAK AVE
Owner/Operator City,State,Zip:	GALT, CA 95632
Owner/Operator Telephone:	209-843-5295
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

GUARDIAN METALS LLC (Continued) **1031484080**

Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20241224
Handler Name: GUARDIAN METALS LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 425120
NAICS Description: Wholesale Trade Agents And Brokers

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C30 **ROOF RANGERS** **Sacramento Co. ML** **S105155927**
WNW **10385 LIVE OAK AVE** **N/A**
1/8-1/4 **GALT, CA 95632**
0.208 mi.
1096 ft. **Site 9 of 9 in cluster C**

Relative:
Lower

Actual:
46 ft.

Sacramento Co. ML:
Name: ROOF RANGERS
Address: 10385 LIVE OAK AVE
City,State,Zip: GALT, CA 95632
Facility Id: Not reported
Facility Status: Not reported
FD: Not reported
Billing Codes BP: I
Billing Codes UST: Not reported
WG Bill Code: I
Target Property Bill Cod: Not reported
Food Bill Code: Not reported
CUPA Permit Date: Not reported
HAZMAT Permit Date: Not reported
HAZMAT Inspection Date: Not reported
Hazmat Date BP Received: Not reported
UST Permit Dt: Not reported
UST Inspection Date: Not reported
UST Tank Test Date: Not reported
Number of Tanks: Not reported
UST Tank Test Date: Not reported
SIC Code: Not reported
Tier Permitting: Not reported

ROOF RANGERS (Continued) **S105155927**

AST Bill Code: Not reported
CALARP Bill Code: Not reported

31
SE
1/8-1/4
0.209 mi.
1103 ft.

TL PARTNERS XI LP
1106 AYERS LANE
GALT, CA 95632

RCRA NonGen / NLR **1026469725**
E MANIFEST **CAC003075216**

Relative:
Higher

Actual:
56 ft.

RCRA Listings:

Date Form Received by Agency:		20200717
Handler Name:		Tl Partners Xi Lp
Handler Address:		1106 Ayers Lane
Handler City,State,Zip:		GALT, CA 95632
EPA ID:		CAC003075216
Contact Name:		AARON ROSS-SWAIN
Contact Address:		3500 DOUGLAS BLVD
Contact City,State,Zip:		ROSEVILLE, CA 95661
Contact Telephone:		916-333-1823
Contact Fax:		Not reported
Contact Email:		AARON@FIELDSTONECONSULT.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:		3500 DOUGLAS BLVD
Mailing City,State,Zip:		ROSEVILLE, CA 95661
Owner Name:	Tl Partners Xi Lp	
Owner Type:		Other
Operator Name:	Aaron Ross-Swain	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No

TL PARTNERS XI LP (Continued) **1026469725**

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200814
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: AARON ROSS-SWAIN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 DOUGLAS BLVD
Owner/Operator City,State,Zip:	ROSEVILLE, CA 95661
Owner/Operator Telephone:	916-333-1823
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: TL PARTNERS XI LP	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 DOUGLAS BLVD
Owner/Operator City,State,Zip:	ROSEVILLE, CA 95661
Owner/Operator Telephone:	916-787-3420
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200717
Handler Name: TL PARTNERS XI LP	
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

TL PARTNERS XI LP (Continued) **1026469725**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 237210
NAICS Description: Land Subdivision

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	012530414FLE
Last Updated Date:	20200826
Shipped Date:	20200803
Received Date:	20200803
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Mail
Generator EPA ID:	CAC003075216
Generator Name:	Tl Partners Xi Lp
Generator Location Street Number:	Not reported
Generator Location Street 1:	1106 AYERS LANE
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	3500 DOUGLAS BLVD
Generator Mail Street 2:	STE 270
Generator Mail City:	ROSEVILLE
Generator Mail Zip:	95661
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD982042475
Designated Facility Name:	Recology Hay Road
Designated Facility Mail Street Number:	235
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	N FIRST ST
Designated Facility Mail City:	DIXON
Designated Facility Mail Zip:	95620
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	6426
Designated Facility Location Street 1:	HAY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	VACAVILLE
Designated Facility Location Zip:	95687
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

TL PARTNERS XI LP (Continued) **1026469725**

State Waste:
Manifest Tracking Number: 012530414FLE
Waste Line Number: 1
State Waste Code Owner: CA
State Waste Code: 151
State Waste: Asbestos-containing waste

Transporter:
Manifest Tracking Number: 012530414FLE
Transporter Line Number: 1
Transporter EPA ID: CAL000349298
Transporter Name: Professional Asbestos & Lead Services Inc

Manifest Tracking Number: 012530414FLE
Transporter Line Number: 2
Transporter EPA ID: CAR000154740
Transporter Name: Naman Trucking

Waste Line:
Manifest Tracking Number: 012530414FLE
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: NA2212
U.S. DOT Description: Rq, Na2212, Asbestos, 9, Pg Iii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: BA
Container Type Description: Burlap, cloth, paper, or plastic bags
Waste Quantity: 1
Quantity Unit of Measure Code: Y
Quantity Unit of Measure Description: Cubic Yards
Waste Quantity, in Tons: 0.84
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.84
Waste Quantity, in Kilograms: 761.9052
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 761.9052
Management Method Code: H132
Management Method Description: LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

E32 **D2 TRAILER SALES AND SERVICE INC** **CERS HAZ WASTE** **S110041494**
NW **13246 W STOCKTON BLVD** **Sacramento Co. ML** **N/A**
1/8-1/4 **GALT, CA 95632** **CERS**
0.212 mi.
1117 ft. **Site 1 of 3 in cluster E**

Relative:
Lower

Actual:
42 ft.

CERS HAZ WASTE:

Name:	D2 TRAILER SALES AND SERVICE INC
Address:	13246 W STOCKTON BLVD
City,State,Zip:	GALT, CA 95632
Site ID:	110033
CERS ID:	10224727
CERS Description:	Hazardous Waste Generator

Sacramento Co. ML:

Name:	D2 TRAILER SALES AND SERVICE INC
Address:	13246 W STOCKTON BLVD
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported
Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	A
Billing Codes UST:	Not reported
WG Bill Code:	A
Target Property Bill Cod:	Not reported
Food Bill Code:	Not reported
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	Not reported
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

CERS:

Name:	D2 TRAILER SALES AND SERVICE INC
Address:	13246 W STOCKTON BLVD
City,State,Zip:	GALT, CA 95632
Site ID:	110033
CERS ID:	10224727
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	110033
Site Name:	D2 TRAILER SALES AND SERVICE INC
Violation Date:	03-14-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/14/2019. OBSERVATION #1: The chemical inventory pages for Argon/Carbon Dioxide and Oxygen are not accurate

D2 TRAILER SALES AND SERVICE INC (Continued) **S110041494**

in the California Environmental Reporting System (CERS) as these materials' average daily amounts/quantities are listed as 1 cubic foot each. These materials are used for routine site operations, with the average daily amounts/quantities of each greater than 1 cubic foot. CORRECTIVE ACTION #1: Revise/complete the chemical inventory information for Argon/Carbon Dioxide and Oxygen so that their average daily amounts/quantities are as accurate as possible, then resubmit electronically in CERS. Notify this department of submission in order to close violation. OBSERVATION #2: The Hazardous Materials Inventory Chemical Description Page for Propane and Argon have not been submitted in CERS. CORRECTIVE ACTION #2: Complete and submit the Hazardous Materials Inventory Chemical Description page for Propane and Argon electronically in the CERS. Notify this department of in order [Truncated]

Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 110033
Site Name: D2 TRAILER SALES AND SERVICE INC
Violation Date: 03-09-2016
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes: Returned to compliance on 03/10/2016. OBSERVATION: The Fire Extinguishers have not been serviced / replaced since December 2012. Extinquishers must be serviced annually. REQUIRED ACTION: Arrange for servicing or replacement of the fire extinguishers and send proof of such to the County c/o Mr. Steele (steeled@saccounty.net).
Violation Division: Sacramento County Env Management Department
Violation Program: HW
Violation Source: CERS,

Site ID: 110033
Site Name: D2 TRAILER SALES AND SERVICE INC
Violation Date: 03-09-2016
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..
Violation Notes: OBSERVATION: The Fire Extinguishers have not been serviced / replaced since December 2012. Extinquishers must be serviced annually. REQUIRED ACTION: Arrange for servicing or replacement of the fire extinguishers and send proof of such to the County c/o Mr. Steele (steeled@saccounty.net).
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 110033

D2 TRAILER SALES AND SERVICE INC (Continued) **S110041494**

Site Name: D2 TRAILER SALES AND SERVICE INC
Violation Date: 03-14-2019
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Release/Leaks/Spills - General
Violation Notes: Returned to compliance on 03/20/2019. OBSERVATION: The Emergency Response Plan has not been adequately implemented as demonstrated by the fire extinguishers not being tested and maintained as necessary. The extinguishers were last serviced in March 2017, making them one year past certification at time of inspection. CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating the expired extinguishers have been replaced with certified ones. NOTE: this is a repeat violation.
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 110033
Site Name: D2 TRAILER SALES AND SERVICE INC
Violation Date: 03-14-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/20/2019. OBSERVATION: The 5 gallon container of waste oil in the east workshop was observed without a hazardous waste label. CORRECTIVE ACTION: Submit photos to this department demonstrating that the container listed above have been properly labeled.
Violation Division: Sacramento County Env Management Department
Violation Program: HW
Violation Source: CERS,

Site ID: 110033
Site Name: D2 TRAILER SALES AND SERVICE INC
Violation Date: 03-09-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Release/Leaks/Spills - General
Violation Notes: Returned to compliance on 03/10/2016. OBSERVATION: The Fire Extinguishers have not been serviced / replaced since December 2012. Extinquishers must be serviced annually. REQUIRED ACTION: Arrange for servicing or replacement of the fire extinguishers and send proof of such to the County c/o Mr. Steele (steeled@saccounty.net).
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

D2 TRAILER SALES AND SERVICE INC (Continued) **S110041494**

Eval Division: Sacramento County Env Management Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 110033
Site Name: D2 TRAILER SALES AND SERVICE INC
Site Address: 13246 W STOCKTON BLVD
Site City: GALT
Site Zip: 95632
Enf Action Date: 03-09-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Sacramento County Env Management Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 110033
Site Name: D2 TRAILER SALES AND SERVICE INC
Site Address: 13246 W STOCKTON BLVD
Site City: GALT
Site Zip: 95632
Enf Action Date: 03-09-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Sacramento County Env Management Department
Enf Action Program: HW
Enf Action Source: CERS,

D2 TRAILER SALES AND SERVICE INC (Continued) **S110041494**

Coordinates:

Site ID:	110033
Facility Name:	D2 TRAILER SALES AND SERVICE INC
Env Int Type Code:	HWG
Program ID:	10224727
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	38.279180
Longitude:	-121.306320

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Sacramento County Environmental Management Departm
Entity Title:	Not reported
Affiliation Address:	11080 WHITE ROCK ROAD, STE. 200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95670
Affiliation Phone:	(916) 875-8550,
Affiliation Type Desc:	Legal Owner
Entity Name:	D2 TRAILER SALES AND SERVICE INC
Entity Title:	Not reported
Affiliation Address:	P O BOX 5156
Affiliation City:	GALT
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95632
Affiliation Phone:	(209) 745-5480,
Affiliation Type Desc:	Parent Corporation
Entity Name:	D2 TRAILER SALES AND SERVICE INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	Nancy Bryant
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Nancy Bryant
Entity Title:	GM
Affiliation Address:	Not reported
Affiliation City:	Not reported

D2 TRAILER SALES AND SERVICE INC (Continued) **S110041494**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	NANCY BRYANT
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5156
Affiliation City:	Galt
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95632
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P O BOX 5156
Affiliation City:	GALT
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95632
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	NANCY BRYANT
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 745-5480,

E33 **D2 TRAILER SALES & SERVICE INC** **RCRA NonGen / NLR** **1024823453**
NW **13246 W STOCKTON BLVD** **E MANIFEST** **CAL000344221**
1/8-1/4 **GALT, CA 95632**
0.212 mi.
1117 ft. **Site 2 of 3 in cluster E**

Relative: **Lower**

Actual: **42 ft.**

RCRA Listings:

Date Form Received by Agency:	20090624
Handler Name:	D2 Trailer Sales & Service Inc
Handler Address:	13246 W Stockton Blvd
Handler City,State,Zip:	GALT, CA 95632-8700
EPA ID:	CAL000344221
Contact Name:	NANCY BRYANT/GEN MGR
Contact Address:	PO BOX 5156
Contact City,State,Zip:	GALT, CA 95632
Contact Telephone:	209-745-5480
Contact Fax:	209-745-5484
Contact Email:	NANCY@D2TRAILERSALES.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified

D2 TRAILER SALES & SERVICE INC (Continued) **1024823453**

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 5156
Mailing City,State,Zip:		GALT, CA 95632-5156
Owner Name:	D2 Trailer Sales & Service Inc	
Owner Type:		Other
Operator Name:	Nancy Bryant/Gen Mgr	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20180905
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No
Recycler Activity Without Storage:		No
Manifest Broker:		No
Sub-Part P Indicator:		No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: D2 TRAILER SALES & SERVICE INC

D2 TRAILER SALES & SERVICE INC (Continued) **1024823453**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 5156
Owner/Operator City,State,Zip:	GALT, CA 95632-5156
Owner/Operator Telephone:	209-745-5480
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NANCY BRYANT/GEN MGR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 5156
Owner/Operator City,State,Zip:	GALT, CA 95632
Owner/Operator Telephone:	209-745-5480
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20090624
Handler Name:	D2 TRAILER SALES & SERVICE 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:	92119
NAICS Description:	Other General Government Support

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	007084937GBF
Last Updated Date:	20230201
Shipped Date:	20220715
Received Date:	20220722
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web

D2 TRAILER SALES & SERVICE INC (Continued) **1024823453**

Generator EPA ID:	CAL000344221
Generator Name:	D2 Trailer Sales & Service Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	13246 W STOCKTON BLVD
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-8700
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 5156
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-5156
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAL000282598
Designated Facility Name:	Heritage-Crystal Clean Llc
Designated Facility Mail Street Number:	2175
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	POINT BLVD STE 375
Designated Facility Mail City:	ELGIN
Designated Facility Mail Zip:	60123
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	1620
Designated Facility Location Street 1:	E. BRUNDAGE LN
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BAKERSFIELD
Designated Facility Location Zip:	93307
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	006915398GBF
Last Updated Date:	20220421
Shipped Date:	20211130
Received Date:	20211221
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000344221
Generator Name:	D2 Trailer Sales & Service Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	13246 W STOCKTON BLVD
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-8700
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 5156
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-5156
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000030452
Designated Facility Name:	Les - Phoenix

D2 TRAILER SALES & SERVICE INC (Continued) **1024823453**

Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	5159 W VAN BUREN ST
Designated Facility Mail City:	PHOENIX
Designated Facility Mail Zip:	85043
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	5159 W VAN BUREN ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	PHOENIX
Designated Facility Location Zip:	85043
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	016636682JJK
Last Updated Date:	20181116
Shipped Date:	20181016
Received Date:	20181030
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000344221
Generator Name:	D2 Trailer Sales & Service Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	13246 W STOCKTON BLVD
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-8700
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 5156
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-5156
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	Demenno Kerdoon
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	016636792JJK

D2 TRAILER SALES & SERVICE INC (Continued) **1024823453**

Last Updated Date:	20191230
Shipped Date:	20180727
Received Date:	20180807
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000344221
Generator Name:	D2 Trailer Sales & Service Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	13246 W STOCKTON BLVD
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-8700
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 5156
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-5156
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	Demenno Kerdoon
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	006499041GBF
Last Updated Date:	20221003
Shipped Date:	20220726
Received Date:	20220805
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000344221
Generator Name:	D2 Trailer Sales & Service Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	13246 W STOCKTON BLVD
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-8700
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 5156
Generator Mail Street 2:	Not reported

D2 TRAILER SALES & SERVICE INC (Continued) **1024823453**

Generator Mail City:	GALT
Generator Mail Zip:	95632-5156
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAL000282598
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	2175
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	POINT BLVD STE 375
Designated Facility Mail City:	ELGIN
Designated Facility Mail Zip:	60123
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	1620
Designated Facility Location Street 1:	E. BRUNDAGE LN
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BAKERSFIELD
Designated Facility Location Zip:	93307
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	HERITAGE-CRYSTAL CLEAN LLC
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	006500358GBF
Last Updated Date:	20220224
Shipped Date:	20210909
Received Date:	20211001
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000344221
Generator Name:	D2 Trailer Sales & Service Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	13246 W STOCKTON BLVD
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-8700
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 5156
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-5156
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000030452
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	5159 W VAN BUREN ST
Designated Facility Mail City:	PHOENIX
Designated Facility Mail Zip:	85043
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	5159 W VAN BUREN ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	PHOENIX
Designated Facility Location Zip:	85043

D2 TRAILER SALES & SERVICE INC (Continued) **1024823453**

Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	LES - PHOENIX
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	006678868GBF
Last Updated Date:	20210401
Shipped Date:	20210302
Received Date:	20210323
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000344221
Generator Name:	D2 Trailer Sales & Service Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	13246 W STOCKTON BLVD
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-8700
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 5156
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-5156
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000030452
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	5159 W VAN BUREN ST
Designated Facility Mail City:	PHOENIX
Designated Facility Mail Zip:	85043
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	5159 W VAN BUREN ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	PHOENIX
Designated Facility Location Zip:	85043
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	LES - PHOENIX
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	007020534GBF
Last Updated Date:	20221128
Shipped Date:	20220405
Received Date:	20220426
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000344221
Generator Name:	D2 Trailer Sales & Service Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	13246 W STOCKTON BLVD
Generator Location Street 2:	Not reported

D2 TRAILER SALES & SERVICE INC (Continued) **1024823453**

Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-8700
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 5156
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-5156
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000030452
Designated Facility Name:	Les - Phoenix
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	5159 W VAN BUREN ST
Designated Facility Mail City:	PHOENIX
Designated Facility Mail Zip:	85043
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	5159 W VAN BUREN ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	PHOENIX
Designated Facility Location Zip:	85043
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	006891358GBF
Last Updated Date:	20230217
Shipped Date:	20230104
Received Date:	20230116
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000344221
Generator Name:	D2 Trailer Sales & Service Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	13246 W STOCKTON BLVD
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-8700
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 5156
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-5156
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAL000282598
Designated Facility Name:	Heritage-Crystal Clean Llc
Designated Facility Mail Street Number:	2175
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	POINT BLVD STE 375
Designated Facility Mail City:	ELGIN
Designated Facility Mail Zip:	60123

D2 TRAILER SALES & SERVICE INC (Continued) **1024823453**

Designated Facility Mail State:	IL
Designated Facility Location Street Number:	1620
Designated Facility Location Street 1:	E. BRUNDAGE LN
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BAKERSFIELD
Designated Facility Location Zip:	93307
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	013183474FLE
Last Updated Date:	20200617
Shipped Date:	20200430
Received Date:	20200519
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Mail
Generator EPA ID:	CAL000344221
Generator Name:	D2 Trailer Sales & Service Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	13246 W STOCKTON BLVD
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-8700
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 5156
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-5156
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000030452
Designated Facility Name:	Les - Phoenix
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	5159 W VAN BUREN ST
Designated Facility Mail City:	PHOENIX
Designated Facility Mail Zip:	85043
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	5159 W VAN BUREN ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	PHOENIX
Designated Facility Location Zip:	85043
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	013183233FLE
Last Updated Date:	20191115
Shipped Date:	20190507
Received Date:	20190520
Manifest Status:	Signed
Submission Type:	DataImage5Copy

D2 TRAILER SALES & SERVICE INC (Continued) **1024823453**

Origin Type:	Web
Generator EPA ID:	CAL000344221
Generator Name:	D2 Trailer Sales & Service Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	13246 W STOCKTON BLVD
Generator Location Street 2:	Not reported
Generator Location City:	GALT
Generator Location State:	CA
Generator Location Zip:	95632-8700
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 5156
Generator Mail Street 2:	Not reported
Generator Mail City:	GALT
Generator Mail Zip:	95632-5156
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008252405
Designated Facility Name:	Pacific Resource Recovery Services Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	CA90023 CA037US 3150
Designated Facility Mail Street 2:	3150 EAST PICO BLVD
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	3150 EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90023-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	013183320FLE
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	134
State Waste:	Aqueous solution with <10% total organic residues

Transporter:

Manifest Tracking Number:	013183320FLE
Transporter Line Number:	1
Transporter EPA ID:	CAR000009910
Transporter Name:	California Environmental And Litho
Manifest Tracking Number:	013183320FLE
Transporter Line Number:	2
Transporter EPA ID:	CAR000187922
Transporter Name:	Rust And Sons Trucking Inc
Manifest Tracking Number:	013183320FLE
Transporter Line Number:	3
Transporter EPA ID:	CAR000206086
Transporter Name:	North State Environmental Inc

D2 TRAILER SALES & SERVICE INC (Continued) **1024823453**

Waste Line:

Manifest Tracking Number:	013183320FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NON RCRA HAZARDOUS WASTE, LIQUID (WASTE AQUEOUS CLEANER)
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	30
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.12510425
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.12510425
Waste Quantity, in Kilograms:	113.47331
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	113.47331
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

Click this hyperlink while viewing on your computer to access
15 additional US EManifest: record(s) in the EDR Site Report.

34
North
1/8-1/4
0.213 mi.
1123 ft.

ASTRAL ELECTRIC COMPANY **RCRA NonGen / NLR** **1027199514**
790 LOS FLORES CT **CAC003163173**
GALT, CA 95632

Relative:
Lower

Actual:
48 ft.

RCRA Listings:

Date Form Received by Agency:	20220223
Handler Name:	Astral Electric Company
Handler Address:	790 Los Flores Ct
Handler City,State,Zip:	GALT, CA 95632
EPA ID:	CAC003163173
Contact Name:	JACOB ELLIOTT
Contact Address:	790 LOS FLORES CT
Contact City,State,Zip:	GALT, CA 95632
Contact Telephone:	209-712-9597
Contact Fax:	Not reported
Contact Email:	ASTRALECI@GMAIL.COM

ASTRAL ELECTRIC COMPANY (Continued) **1027199514**

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:		790 LOS FLORES CT
Mailing City,State,Zip:		GALT, CA 95632
Owner Name:	Jacob Elliott	
Owner Type:		Other
Operator Name:	Jacob Elliott	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
202 GPRA Corrective Action Baseline:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:		Not reported
Handler Date of Last Change:		20220228
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

ASTRAL ELECTRIC COMPANY (Continued) **1027199514**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: JACOB ELLIOTT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	790 LOS FLORES CT
Owner/Operator City,State,Zip:	GALT, CA 95632
Owner/Operator Telephone:	209-712-9597
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: JACOB ELLIOTT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	790 LOS FLORES CT
Owner/Operator City,State,Zip:	GALT, CA 95632
Owner/Operator Telephone:	209-712-9597
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220223
Handler Name: ASTRAL ELECTRIC COMPANY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	238210
NAICS Description:	Electrical Contractors And Other Wiring Installation Contractors

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

E35 **GALT RECYCLERS** **HWTS** **S105155955**
NW **13208 W STOCKTON BLVD** **Sacramento Co. ML** **N/A**
1/8-1/4 **GALT, CA 95632**
0.222 mi.
1171 ft. **Site 3 of 3 in cluster E**

Relative:
Lower

Actual:
42 ft.

HWTS:

Name:	GALT RECYCLERS
Address:	13208 W STOCKTON BLVD
Address 2:	Not reported
City,State,Zip:	GALT, CA 95632
EPA ID:	CAL000338264
Inactive Date:	06/30/2016
Create Date:	11/26/2008
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	13208 W STOCKTON BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	GALT, CA 956328700
Owner Name:	RANDY HUNWARDSEN
Owner Address:	44 A ST
Owner Address 2:	Not reported
Owner City,State,Zip:	GALT, CA 956322343
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	RANDY HUNWARDSEN
Contact Address:	13208 W STOCKTON BLVD
Contact Address 2:	Not reported
City,State,Zip:	GALT, CA 95632
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	38.277576
Longitude:	-121.305573

NAICS:

EPA ID:	CAL000338264
Create Date:	2008-11-26 08:11:20.580
NAICS Code:	92411
NAICS Description:	Administration of Air and Water Resource and Solid Waste Management Programs
Issued EPA ID Date:	2008-11-26 08:11:20.55000
Inactive Date:	2016-06-30 00:00:00
Facility Name:	GALT RECYCLERS
Facility Address:	13208 W STOCKTON BLVD
Facility Address 2:	Not reported
Facility City:	GALT
Facility County:	Not reported
Facility State:	CA
Facility Zip:	956328700

Sacramento Co. ML:

Name:	GALT RECYCLERS
Address:	13208 W STOCKTON BLVD
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported

GALT RECYCLERS (Continued) **S105155955**

Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	I
Billing Codes UST:	Not reported
WG Bill Code:	I
Target Property Bill Cod:	Not reported
Food Bill Code:	Not reported
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	Not reported
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

36
WNW
1/8-1/4
0.248 mi.
1312 ft.

RAUSSER BROS TRUCKING INC **RCRA NonGen / NLR** **1026055725**
10359 LIVE OAK AVE **CAL000451910**
GALT, CA 95632

Relative:
Lower

Actual:
46 ft.

RCRA Listings:

Date Form Received by Agency:		20200110
Handler Name:		Rausser Bros Trucking Inc
Handler Address:		10359 Live Oak Ave
Handler City,State,Zip:		GALT, CA 95632
EPA ID:		CAL000451910
Contact Name:		CORY RAUSSER
Contact Address:		10359 LIVE OAK AVE
Contact City,State,Zip:		GALT, CA 95632
Contact Telephone:		209-744-1000
Contact Fax:		209-744-1015
Contact Email:		TNRAUSSER@AOL.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:		PO BOX 638
Mailing City,State,Zip:		GALT, CA 95632
Owner Name:	Rausser Bros Trucking Inc	
Owner Type:		Other
Operator Name:	Cory Rausser	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No

RAUSSER BROS TRUCKING INC (Continued) **1026055725**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
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: RAUSSER BROS TRUCKING INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10359 LIVE OAK AVE
Owner/Operator City,State,Zip:	GALT, CA 95632
Owner/Operator Telephone:	209-744-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: CORY RAUSSER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

RAUSSER BROS TRUCKING INC (Continued) **1026055725**

Owner/Operator Address: 10359 LIVE OAK AVE
Owner/Operator City,State,Zip: GALT, CA 95632
Owner/Operator Telephone: 209-744-1000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200110
Handler Name: RAUSSER BROS TRUCKING INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: All Other Waste Management Services

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F37 **CHEAPER #183** **UST FINDER RELEASE** **1028932860**
SSW **702 LINCOLN WAY N** **N/A**
1/4-1/2 **GALT, CA 95632**
0.261 mi.
1378 ft. **Site 1 of 5 in cluster F**

Relative:
Higher

Actual:
53 ft.

UST FINDER RELEASE:
Object ID: 50654
Facility ID: Not reported
Lust ID: CAT0606700900
Name: CHEAPER #183
Address: 702 LINCOLN WAY N
City,State,Zip: GALT, CA 95632
Address Match Type: StreetAddress
Reported Date: Not reported
Status: Open
Substance: Not reported
Population within 1500ft: 1030
Domestic Wells within 1500ft: 109
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported

CHEAPER #183 (Continued) **1028932860**

SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.30266
Y Coord:	38.2681900000001
Latitude:	38.2681899999999
Longitude:	-121.30266

F38 **CHEAPER #183** **LUST** **S102317887**
SSW **702 LINCOLN** **Cortese** **N/A**
1/4-1/2 **GALT, CA 94532** **HIST CORTESE**
0.263 mi. **CERS**
1387 ft. **Site 2 of 5 in cluster F**

Relative: **Lower**
Actual: **51 ft.**

LUST:

Name:	CHEAPER #183
Address:	702 LINCOLN WAY N
City,State,Zip:	GALT, CA 95632
Lead Agency:	SACRAMENTO COUNTY LOP
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0606700900
Latitude:	38.2683756871313
Longitude:	-121.302989778242
Status:	Completed - Case Closed
Status Date:	02/08/2021
Case Worker:	CWL
RB Case Number:	341074
Local Agency:	SACRAMENTO COUNTY LOP
File Location:	Local Agency
Local Case Number:	F535
Potential Media Affect:	Well used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Map Move
Quantity Released Gallons:	Not reported
Begin Date:	10/31/1994
Leak Reported Date:	04/18/1996
How Discovered:	SIR (Statistical Inventory Reconciliation)
How Discovered Description:	Dipstick dropped through bottom of tank
Discharge Source:	Tank
Discharge Cause:	Physc / Mech Damage
Stop Method:	Close and Replace Tank
Stop Description:	Tank replacement
No Further Action Date:	02/08/2021

CHEAPER #183 (Continued) **S102317887**

CA Water Watershed Name: North Valley Floor - Lower Cosumnes-Dry - Herald (531.11)
Dwr Groundwater Subbasin Name: San Joaquin Valley - Cosumnes (5-022.16)
Disadvantaged Community: Disadvantaged Community
CA Enviroscreen 3 Score: 56-60%
CA Enviroscreen 4 Score: 70-75%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL VALLEY RWQCB (REGION 5S)
Claim Number: 10676, 17176, 18370
Claim Status: Ineligible, Active, Ineligible
Site History: See GeoTrack link for Site History

LUST:
Global Id: T0606700900
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: CHARLEY LANGER
Organization Name: SACRAMENTO COUNTY LOP
Address: 11080 WHITE ROCK ROAD, SUITE 200
City: RANCHO CORDOVA
Email: langerc@saccounty.net
Phone Number: 9165912648

Global Id: T0606700900
Contact Type: Regional Board Caseworker
Contact Name: VERA FISCHER
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: vera.fischer@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 01/17/2012
Action: File review

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 03/19/2012
Action: Staff Letter

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 08/01/2020
Action: Fact Sheets - Public Participation

Global Id: T0606700900
Action Type: Other
Date: 02/01/1996
Action: Leak Discovery

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 10/26/2011
Action: File review

CHEAPER #183 (Continued) **S102317887**

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 09/01/2015
Action: File Review - Closure

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 02/08/2021
Action: Closure/No Further Action Letter

Global Id: T0606700900
Action Type: REMEDIATION
Date: 07/12/2004
Action: Pump & Treat (P&T) Groundwater

Global Id: T0606700900
Action Type: REMEDIATION
Date: 01/20/2003
Action: Soil Vapor Extraction (SVE)

Global Id: T0606700900
Action Type: REMEDIATION
Date: 12/31/2001
Action: Soil Vapor Extraction (SVE)

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 10/31/1994
Action: Notice of Reimbursement

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 05/20/2003
Action: Staff Letter

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 01/28/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 02/11/2004
Action: * Corrective Action Orders

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 07/19/2011
Action: File review

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 09/19/2011
Action: File review

Global Id: T0606700900
Action Type: ENFORCEMENT

CHEAPER #183 (Continued) **S102317887**

Date: 06/30/2011
Action: File review

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 09/09/2016
Action: Email Correspondence

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 02/24/2016
Action: Meeting

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 02/16/2018
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 03/20/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 09/09/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0606700900
Action Type: RESPONSE
Date: 03/28/2013
Action: Request for Closure - Regulator Responded

Global Id: T0606700900
Action Type: RESPONSE
Date: 04/08/2015
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0606700900
Action Type: RESPONSE
Date: 12/23/2014
Action: Pilot Study / Treatability Workplan - Regulator Responded

Global Id: T0606700900
Action Type: RESPONSE
Date: 06/29/2017
Action: Request for Closure - Regulator Responded

Global Id: T0606700900
Action Type: RESPONSE
Date: 10/03/2018
Action: Remedial Progress Report - Regulator Responded

Global Id: T0606700900
Action Type: RESPONSE
Date: 04/14/2017
Action: Request for Closure - Regulator Responded

CHEAPER #183 (Continued) **S102317887**

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 07/29/2011
Action: File review

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 01/08/2015
Action: Email Correspondence

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 07/27/2020
Action: Staff Letter

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 11/23/1999
Action: Notice of Responsibility

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 01/25/2000
Action: * Historical Enforcement

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 12/27/2002
Action: * Corrective Action Orders

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 04/01/2015
Action: Email Correspondence

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 06/23/2020
Action: File Review - Closure

Global Id: T0606700900
Action Type: RESPONSE
Date: 06/19/2003
Action: Remedial Progress Report

Global Id: T0606700900
Action Type: RESPONSE
Date: 12/31/2020
Action: Well Destruction Report

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 11/09/2004
Action: * No Action

Global Id: T0606700900
Action Type: ENFORCEMENT

CHEAPER #183 (Continued) **S102317887**

Date: 04/02/2018
Action: Email Correspondence

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 06/12/2017
Action: Email Correspondence

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 08/10/2017
Action: Staff Letter

Global Id: T0606700900
Action Type: Other
Date: 04/18/1996
Action: Leak Reported

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 02/10/2009
Action: File review

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 01/25/2000
Action: Referral to District Attorney

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 01/27/2009
Action: File review

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 11/10/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0606700900
Action Type: ENFORCEMENT
Date: 10/23/2018
Action: Email Correspondence

LUST:
Global Id: T0606700900
Status: Open - Case Begin Date
Status Date: 10/31/1994

Global Id: T0606700900
Status: Open - Site Assessment
Status Date: 03/28/2001

Global Id: T0606700900
Status: Open - Remediation
Status Date: 01/20/2003

Global Id: T0606700900

CHEAPER #183 (Continued) **S102317887**

Status: Open - Verification Monitoring
Status Date: 02/24/2016

Global Id: T0606700900
Status: Open - Eligible for Closure
Status Date: 06/12/2017

Global Id: T0606700900
Status: Open - Verification Monitoring
Status Date: 08/10/2017

Global Id: T0606700900
Status: Open - Eligible for Closure
Status Date: 07/27/2020

Global Id: T0606700900
Status: Completed - Case Closed
Status Date: 02/08/2021

LUST REG 5:
Name: CHEAPER #183
Address: 702 LINCOLN WAY N
City: GALT
Region: 5
Status: Remedial action (cleanup) Underway
Case Number: 341074
Case Type: Drinking water wells have been affected
Substance: GASOLINE
Staff Initials: VJF
Lead Agency: Local
Program: LUST
MTBE Code: 8

CORTESE:
Name: CHEAPER #183
Address: 702 LINCOLN WAY N
City,State,Zip: GALT, CA 95632
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0606700900
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

CHEAPER #183 (Continued) **S102317887**

Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: CHEAPER #183
edr_fadd1: 702 LINCOLN
City,State,Zip: GALT, CA 94532
Region: CORTESE
Facility County Code: 34
Reg By: LTNKA
Reg Id: 341074

CERS:
Name: CHEAPER #183
Address: 702 LINCOLN WAY N
City,State,Zip: GALT, CA 95632
Site ID: 911115
CERS ID: T0606700900
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: VERA FISCHER - 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: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: CHARLEY LANGER - SACRAMENTO COUNTY LOP
Entity Title: Not reported
Affiliation Address: 11080 WHITE ROCK ROAD, SUITE 200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9165912648,

F39 **GALT GAS & FOOD** **Cortese** **S112899630**
SSW **800 PRINGLE AVE** **HWTS** **N/A**
1/4-1/2 **GALT, CA 95632** **HAZNET**
0.285 mi.
1507 ft. **Site 3 of 5 in cluster F**

Relative:
Lower

Actual:
50 ft.

CORTESE:
Name: GALT GAS & FOOD
Address: 800 PRINGLE AVE
City,State,Zip: GALT, CA 95632
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0606701092
Site/Facility Type: LUST CLEANUP SITE

GALT GAS & FOOD (Continued) **S112899630**

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

HWTS:

Name:	GALT GAS & FOOD
Address:	800 PRINGLE AVE
Address 2:	Not reported
City,State,Zip:	GALT, CA 95632
EPA ID:	CAC002132929
Inactive Date:	10/25/2000
Create Date:	12/14/1998
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	13899 CHRISTENSEN RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	GALT, CA 956320000
Owner Name:	KEN & VIRGINIA BAUER
Owner Address:	13899 CHRISTENSEN RD
Owner Address 2:	Not reported
Owner City,State,Zip:	GALT, CA 956320000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	KEN & VIRGINIA BAUER
Contact Address:	EXTENDED,NEW EXPIRATION JUNE
Contact Address 2:	Not reported
City,State,Zip:	GALT, CA 956320000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	38.26826
Longitude:	-121.306414

HAZNET:

Name:	GALT GAS & FOOD
Address:	800 PRINGLE AVE
Address 2:	Not reported
City,State,Zip:	GALT, CA 956320000
Contact:	KEN & VIRGINIA BAUER
Telephone:	2097452411

GALT GAS & FOOD (Continued) **S112899630**

Mailing Name: Not reported
Mailing Address: 13899 CHRISTENSEN RD

Year: 1999
Gepaid: CAC002132929
TSD EPA ID: CAD982417255
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 2.2935

Year: 1999
Gepaid: CAC002132929
TSD EPA ID: NVD982358483
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.19

Additional Information:
Year: 1999
Gen EPA ID: CAC002132929

Shipment Date: 19990726
Creation Date: 9/23/1999 0:00:00
Receipt Date: 19990805
Manifest ID: 99445289
Trans EPA ID: CAD982417255
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVD982358483
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.19
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990623
Creation Date: 8/19/1999 0:00:00
Receipt Date: 19990629
Manifest ID: 98776783
Trans EPA ID: CAD982417255
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982417255
Trans Name: Not reported
TSDF Alt EPA ID: CAD982417255

GALT GAS & FOOD (Continued) **S112899630**

TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.2935
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

F40 **GALT GAS & FOOD** **UST FINDER RELEASE** **1028968409**
SSW **800 PRINGLE AVE** **N/A**
1/4-1/2 **GALT, CA 95632**
0.285 mi.
1507 ft. **Site 4 of 5 in cluster F**

Relative: **Lower**

Actual: **50 ft.**

UST FINDER RELEASE:

Object ID:	50646
Facility ID:	Not reported
Lust ID:	CAT0606701092
Name:	GALT GAS & FOOD
Address:	800 PRINGLE AVE
City,State,Zip:	GALT, CA 95632
Address Match Type:	StreetAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	930
Domestic Wells within 1500ft:	98
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-121.30327
Y Coord:	38.2680500000001
Latitude:	38.26805
Longitude:	-121.303269999999

F41
SSW
1/4-1/2
0.285 mi.
1507 ft.

GALT GAS & FOOD
800 PRINGLE AVE
GALT, CA 95632

Site 5 of 5 in cluster F

LUST
Sacramento Co. CS
HIST CORTESE
Sacramento Co. ML
CERS

S102318715
N/A

Relative:
Lower

Actual:
50 ft.

LUST:

Name:	GALT GAS & FOOD
Address:	800 PRINGLE AVE
City,State,Zip:	GALT, CA 95632
Lead Agency:	SACRAMENTO COUNTY LOP
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0606701092
Latitude:	38.2678137494251
Longitude:	-121.302102749985
Status:	Completed - Case Closed
Status Date:	12/29/2006
Case Worker:	Not reported
RB Case Number:	341268
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	D587 RO1325
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Map Move
Quantity Released Gallons:	Not reported
Begin Date:	08/13/1999
Leak Reported Date:	09/16/1999
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	12/29/2006
CA Water Watershed Name:	North Valley Floor - Lower Cosumnes-Dry - Herald (531.11)
Dwr Groundwater Subbasin Name:	San Joaquin Valley - Cosumnes (5-022.16)
Disadvantaged Community:	Disadvantaged Community
CA Enviroscreen 3 Score:	56-60%
CA Enviroscreen 4 Score:	70-75%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	CENTRAL VALLEY RWQCB (REGION 5S)
Claim Number:	14863
Claim Status:	Active
Site History:	Not reported

LUST:

Global Id:	T0606701092
Contact Type:	Regional Board Caseworker
Contact Name:	VERA FISCHER
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5S)
Address:	11020 SUN CENTER DRIVE #200
City:	RANCHO CORDOVA
Email:	vera.fischer@waterboards.ca.gov
Phone Number:	Not reported

GALT GAS & FOOD (Continued) **S102318715**

LUST:
Global Id: T0606701092
Action Type: RESPONSE
Date: 09/01/2004
Action: Other Report / Document

Global Id: T0606701092
Action Type: REMEDIATION
Date: 02/01/2005
Action: Soil Vapor Extraction (SVE)

Global Id: T0606701092
Action Type: ENFORCEMENT
Date: 12/29/2006
Action: Closure/No Further Action Letter

Global Id: T0606701092
Action Type: RESPONSE
Date: 12/29/2006
Action: Correspondence

Global Id: T0606701092
Action Type: ENFORCEMENT
Date: 01/15/2004
Action: Warning Letter

Global Id: T0606701092
Action Type: RESPONSE
Date: 09/16/1999
Action: Unauthorized Release Form

Global Id: T0606701092
Action Type: RESPONSE
Date: 08/31/1999
Action: Correspondence

Global Id: T0606701092
Action Type: Other
Date: 09/16/1999
Action: Leak Reported

Global Id: T0606701092
Action Type: ENFORCEMENT
Date: 08/31/1999
Action: Notice of Responsibility

LUST:
Global Id: T0606701092
Status: Open - Case Begin Date
Status Date: 08/13/1999

Global Id: T0606701092
Status: Open - Site Assessment
Status Date: 08/13/1999

Global Id: T0606701092

GALT GAS & FOOD (Continued) **S102318715**

Status: Open - Site Assessment
Status Date: 10/27/1999

Global Id: T0606701092
Status: Open - Site Assessment
Status Date: 03/27/2000

Global Id: T0606701092
Status: Open - Remediation
Status Date: 07/03/2003

Global Id: T0606701092
Status: Open - Remediation
Status Date: 04/01/2005

Global Id: T0606701092
Status: Completed - Case Closed
Status Date: 12/29/2006

LUST REG 5:
Name: GALT GAS & FOOD
Address: 800 PRINGLE AVE
City: GALT
Region: 5
Status: Case Closed
Case Number: 341268
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: VJF
Lead Agency: Local
Program: LUST
MTBE Code: N/A

Sacramento Co. CS:
Name: GALT GAS & FOOD
Address: 800 PRINGLE AVE
City,State,Zip: GALT, CA
State Site Number: D587
Lead Staff: Booth, D.
Lead Agency: HM
Remedial Action Taken: NO
Substance: Unleaded Gasoline
Date Reported: 06/24/1999
Facility Id: RO0001325
Case Type: Drinking Water Aquifer affected
Case Closed: Not reported
Date Closed: Not reported
Case Type: Aquifer used for drinking water supply affected
Substance: Unleaded Gasoline

HIST CORTESE:
edr_fname: galt gas & food
edr_fadd1: 800 PRINGLE
City,State,Zip: GALT, CA 95632
Region: CORTESE

GALT GAS & FOOD (Continued) **S102318715**

Facility County Code: 34
Reg By: LTNKA
Reg Id: 341268

Sacramento Co. ML:
Name: GALT SHELL 2916-02
Address: 800 PRINGLE AV
City,State,Zip: GALT, CA 95632
Facility Id: M0047486
Facility Status: Inactive. Included on a listing no longer updated.
FD: M
Billing Codes BP: Out of Business
Billing Codes UST: No Tanks
WG Bill Code: Oil Changed by Outside Company-No Fee
Target Property Bill Cod: 51
Food Bill Code: 51
CUPA Permit Date: Not reported
HAZMAT Permit Date: Not reported
HAZMAT Inspection Date: 04/12/1995
Hazmat Date BP Received: Not reported
UST Permit Dt: 03/05/1987
UST Inspection Date: 04/12/1995
UST Tank Test Date: 03/20/1992
Number of Tanks: 0
UST Tank Test Date: 04/12/1995
SIC Code: 5541
Tier Permitting: Not reported
AST Bill Code: Not reported
CALARP Bill Code: Not reported

CERS:
Name: GALT GAS & FOOD
Address: 800 PRINGLE AVE
City,State,Zip: GALT, CA 95632
Site ID: 880012
CERS ID: T0606701092
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: VERA FISCHER - 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: ,

42
North
1/2-1
0.783 mi.
4135 ft.

Relative:
Lower

Actual:
51 ft.

LAKE CANYON ELEMENTARY
1019 BEAVER PARK WAY
GALT, CA 95632

ENVIROSTOR **S108207521**
SCH **N/A**
CERS HAZ WASTE
HWTS
HAZNET
Sacramento Co. ML
NPDES
CIWQS
CERS

ENVIROSTOR:

Name:	LAKE CANYON ELEMENTARY
Address:	1019 BEAVER PARK WAY
City,State,Zip:	GALT, CA 95632
Facility ID:	34650002
Status:	No Further Action
Status Date:	04/17/2003
Site Code:	104334
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	14
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	* Mark Malinowski
Division Branch:	Santa Susana Field Laboratory Branch
Assembly:	09
Senate:	06
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	38.28531
Longitude:	-121.3012
APN:	NONE SPECIFIED
Past Use:	* UNKNOWN
Potential COC:	Toxaphene
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	GALT JOINT UESD-LAKE CANYON SCHOOL
Alias Type:	Alternate Name
Alias Name:	GALT JOINT UNION ELEMENTARY SCHOOL DIST.
Alias Type:	Alternate Name
Alias Name:	LAKE CANYON ELEMENTARY
Alias Type:	Alternate Name
Alias Name:	104334
Alias Type:	Project Code (Site Code)
Alias Name:	34650002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	04/17/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/23/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 02/25/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/08/2004
Comments: DTSC approved the PEA with no further action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 11/18/2003
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: LAKE CANYON ELEMENTARY
Address: 1019 BEAVER PARK WAY
City,State,Zip: GALT, CA 95632
Facility ID: 34650002
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 14
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: * Mark Malinowski
Division Branch: Santa Susana Field Laboratory Branch
Site Code: 104334
Assembly: 09
Senate: 06
Special Program Status: Not reported
Status: No Further Action
Status Date: 04/17/2003
Restricted Use: NO
Funding: School District

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Latitude:	38.28531
Longitude:	-121.3012
APN:	NONE SPECIFIED
Past Use:	* UNKNOWN
Potential COC:	Toxaphene
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	GALT JOINT UESD-LAKE CANYON SCHOOL
Alias Type:	Alternate Name
Alias Name:	GALT JOINT UNION ELEMENTARY SCHOOL DIST.
Alias Type:	Alternate Name
Alias Name:	LAKE CANYON ELEMENTARY
Alias Type:	Alternate Name
Alias Name:	104334
Alias Type:	Project Code (Site Code)
Alias Name:	34650002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	04/17/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	04/23/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Public Participation
Completed Date:	02/25/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	04/08/2004
Comments:	DTSC approved the PEA with no further action determination.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	11/18/2003
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

LAKE CANYON ELEMENTARY (Continued) **S108207521**

CERS HAZ WASTE:
Name: GALT JOINT UNION SCHOOL DISTRICT
Address: 1019 BEAVER PARK WAY
City,State,Zip: GALT, CA 95632
Site ID: 118701
CERS ID: 10223695
CERS Description: Hazardous Waste Generator

HWTS:
Name: GALT JOINT UNION SCHOOL DISTRICT
Address: 1019 BEAVER PARK WAY
Address 2: Not reported
City,State,Zip: GALT, CA 95632
EPA ID: CAC002572036
Inactive Date: 06/22/2004
Create Date: 11/17/2003
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1018 C ST STE 210
Mailing Address 2: Not reported
Mailing City,State,Zip: GALT, CA 95632
Owner Name: GALT JOINT UNION SCHOOL DISTRICT
Owner Address: 1018 C ST STE 210
Owner Address 2: Not reported
Owner City,State,Zip: GALT, CA 95632
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: SHERI GLASER
Contact Address: 1018 C ST STE 210
Contact Address 2: Not reported
City,State,Zip: GALT, CA 95632
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 38.284781
Longitude: -121.299807

Name: GALT JOINT UNION ELEMENTARY SCHOOL DISTRICT
Address: 1019 BEAVER PARK WAY
Address 2: Not reported
City,State,Zip: GALT, CA 95632
EPA ID: CAL000287180
Inactive Date: 06/30/2020
Create Date: 10/14/2004
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1018 C ST, STE 210
Mailing Address 2: Not reported
Mailing City,State,Zip: GALT, CA 956321733
Owner Name: GALT JOINT UNION ELEMENTARY SCHOOL
Owner Address: 1018 C ST STE 210
Owner Address 2: Not reported
Owner City,State,Zip: GALT, CA 956320000
Owner Phone: Not reported

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Owner Fax:	Not reported
Contact Name:	KEVIN SELLSTROM
Contact Address:	1019 BEAVER PARK WAY
Contact Address 2:	Not reported
City,State,Zip:	GALT, CA 95632
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	38.28436
Longitude:	-121.299942

NAICS:

EPA ID:	CAL000287180
Create Date:	2004-10-14 10:35:28.660
NAICS Code:	48541
NAICS Description:	School and Employee Bus Transportation
Issued EPA ID Date:	2004-10-14 10:35:28.55000
Inactive Date:	2020-06-30 00:00:00
Facility Name:	GALT JOINT UNION ELEMENTARY SCHOOL DISTRICT
Facility Address:	1019 BEAVER PARK WAY
Facility Address 2:	Not reported
Facility City:	GALT
Facility County:	Not reported
Facility State:	CA
Facility Zip:	95632

HAZNET:

Name:	GALT JOINT UNION SCHOOL DISTRICT
Address:	1019 BEAVER PARK WAY
Address 2:	Not reported
City,State,Zip:	GALT, CA 95632
Contact:	Kevin Sellstrom
Telephone:	2097451059
Mailing Name:	Not reported
Mailing Address:	1018 C ST STE 210
Year:	2010
Gepaid:	CAL000287180
TSD EPA ID:	CAD980887418
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	3.336
Year:	2008
Gepaid:	CAL000287180
TSD EPA ID:	CAD980887418
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	2.085
Year:	2007
Gepaid:	CAL000287180

LAKE CANYON ELEMENTARY (Continued) **S108207521**

TSD EPA ID: CAD980887418
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 4.17

Year: 2005
Gepaid: CAL000287180
TSD EPA ID: CAD980884183
CA Waste Code: 725 - Liquids with mercury >= 20 Mg./L
Disposal Method: -
Tons: 0.005

Year: 2005
Gepaid: CAL000287180
TSD EPA ID: CAD980884183
CA Waste Code: 123 - Unspecified alkaline solution
Disposal Method: -
Tons: 0.1251

Year: 2005
Gepaid: CAL000287180
TSD EPA ID: CAD980884183
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: -
Tons: 0.1251

Year: 2005
Gepaid: CAL000287180
TSD EPA ID: CAD980884183
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: -
Tons: 0.264

Year: 2005
Gepaid: CAL000287180
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 1.52

Additional Information:
Year: 2010
Gen EPA ID: CAL000287180

Shipment Date: 20100219
Creation Date: 5/20/2010 18:30:09
Receipt Date: 20100222
Manifest ID: 006582341JJK
Trans EPA ID: CAD044003556
Trans Name: RAMOS ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980887418
Trans Name: EVERGREEN OIL INC
TSDF Alt EPA ID: Not reported

LAKE CANYON ELEMENTARY (Continued) **S108207521**

TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	3.336
Waste Quantity:	800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2008
Gen EPA ID:	CAL000287180
Shipment Date:	20081201
Creation Date:	1/15/2009 18:30:19
Receipt Date:	20081209
Manifest ID:	004339762JJK
Trans EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	2.085
Waste Quantity:	500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2007
Gen EPA ID:	CAL000287180
Shipment Date:	20070809
Creation Date:	12/28/2007 18:31:37
Receipt Date:	20070809
Manifest ID:	003359878JJK
Trans EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	4.17
Waste Quantity:	1000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2005
Gen EPA ID:	CAL000287180
Shipment Date:	20051215
Creation Date:	1/4/2007 18:30:12
Receipt Date:	20051216
Manifest ID:	24778313
Trans EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.52
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051012
Creation Date:	3/10/2006 10:48:31
Receipt Date:	Not reported
Manifest ID:	24882944
Trans EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics

LAKE CANYON ELEMENTARY (Continued) **S108207521**

RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.264
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051012
Creation Date:	3/10/2006 10:48:31
Receipt Date:	Not reported
Manifest ID:	24882944
Trans EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051012
Creation Date:	3/10/2006 10:48:31
Receipt Date:	Not reported
Manifest ID:	24882944
Trans EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	725 - Liquids with mercury > 20 mg/l
RCRA Code:	D009
Meth Code:	- Not reported
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Additional Code 5:	Not reported
Shipment Date:	20051012
Creation Date:	3/10/2006 10:48:31
Receipt Date:	Not reported
Manifest ID:	24882944
Trans EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Sacramento Co. ML:

Name:	GALT JOINT UNION SCHOOL DISTRICT
Address:	1019 BEAVER PARK WAY
City,State,Zip:	GALT, CA 95632
Facility Id:	Not reported
Facility Status:	Not reported
FD:	Not reported
Billing Codes BP:	A
Billing Codes UST:	Not reported
WG Bill Code:	A
Target Property Bill Cod:	Not reported
Food Bill Code:	Not reported
CUPA Permit Date:	Not reported
HAZMAT Permit Date:	Not reported
HAZMAT Inspection Date:	Not reported
Hazmat Date BP Received:	Not reported
UST Permit Dt:	Not reported
UST Inspection Date:	Not reported
UST Tank Test Date:	Not reported
Number of Tanks:	Not reported
UST Tank Test Date:	Not reported
SIC Code:	Not reported
Tier Permitting:	Not reported
AST Bill Code:	Not reported
CALARP Bill Code:	Not reported

NPDES:

Name:	GALT ELEMENTARY SCHOOL DISTRICT
Address:	1019 BEAVER PARK WAY
City,State,Zip:	GALT, CA 95632

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	5S34I010862
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	01/10/1994
Operator Name:	Galt Elementary School District
Operator Address:	1018 C St Ste 210
Operator City:	Galt
Operator State:	California
Operator Zip:	95632

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	5S
Regulatory Measure ID:	200747
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	5S34I010862
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	01/10/1994
Status:	Active
Status Date:	01/10/1994
Place Size:	1.12
Place Size Unit:	Acres
Contact:	Kevin Sellstrom
Contact Title:	Director of Transportation
Contact Phone:	209-745-1059
Contact Phone Ext:	Not reported
Contact Email:	ksellstrom@galt.k12.ca.us

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Operator Name:	Galt Elementary School District
Operator Address:	1018 C St, Ste 210
Operator City:	Galt
Operator State:	California
Operator Zip:	95632
Operator Contact:	Kevin Sellstrom
Operator Contact Title:	Director of Transportation
Operator Contact Phone:	209-745-1059
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	ksellstrom@galt.k12.ca.us
Operator Type:	Other
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	209-260-1097
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Deadman Gulch
Certifier:	Kevin Sellstrom
Certifier Title:	Director of Transportation
Certification Date:	20-JUL-15
Primary Sic:	4151-School Buses
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	5S
Regulatory Measure ID:	200747
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	5S34I010862
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Effective Date Of Regulatory Measure:	01/10/1994
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Galt Elementary School District
Discharge Address:	1018 C St, Ste 210
Discharge City:	Galt
Discharge State:	California
Discharge Zip:	95632
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	GALT ELEMENTARY SCHOOL DISTRICT
Address:	1019 BEAVER PARK WAY
City,State,Zip:	GALT, CA 95632
Facility Status:	Active
NPDES Number:	CAS000001
Region:	5S
Agency Number:	0
Regulatory Measure ID:	200747
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	5S34I010862
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/10/1994
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1018 C St Ste 210
Discharge Name:	Galt Elementary School District
Discharge City:	Galt
Discharge State:	California
Discharge Zip:	95632
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	5S
Regulatory Measure ID:	200747
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	5S34I010862
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	01/10/1994
Status:	Active
Status Date:	01/10/1994
Place Size:	1.12
Place Size Unit:	Acres
Contact:	Kevin Sellstrom
Contact Title:	Director of Transportation
Contact Phone:	209-745-1059
Contact Phone Ext:	Not reported
Contact Email:	ksellstrom@galt.k12.ca.us
Operator Name:	Galt Elementary School District
Operator Address:	1018 C St, Ste 210
Operator City:	Galt
Operator State:	California
Operator Zip:	95632
Operator Contact:	Kevin Sellstrom
Operator Contact Title:	Director of Transportation
Operator Contact Phone:	209-745-1059
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	ksellstrom@galt.k12.ca.us
Operator Type:	Other
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	209-260-1097
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Deadman Gulch
Certifier:	Kevin Sellstrom
Certifier Title:	Director of Transportation
Certification Date:	20-JUL-15
Primary Sic:	4151-School Buses
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

LAKE CANYON ELEMENTARY (Continued) **S108207521**

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	5S
Regulatory Measure ID:	200747
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	5S34I010862
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/10/1994
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Galt Elementary School District
Discharge Address:	1018 C St, Ste 210
Discharge City:	Galt
Discharge State:	California
Discharge Zip:	95632
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	Galt Elementary School District
Address:	1019 BEAVER PARK WAY
City,State,Zip:	GALT, CA 95632
Agency:	Galt Elementary School District
Agency Address:	1018 C St Ste 210, Galt, CA 95632
Place/Project Type:	Industrial - School Buses
SIC/NAICS:	4151
Region:	5S
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	5S34I010862
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	01/10/1994
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	38.284351
Longitude:	-121.299941

CERS:

Name:	GALT JOINT UNION SCHOOL DISTRICT
Address:	1019 BEAVER PARK WAY
City,State,Zip:	GALT, CA 95632
Site ID:	118701
CERS ID:	10223695
CERS Description:	Chemical Storage Facilities

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Violations:

Site ID:	118701
Site Name:	GALT JOINT UNION SCHOOL DISTRICT
Violation Date:	05-04-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	OBSERVATION: Chemical Inventory sheets for Unused Motor Oil, ATF, Antifreeze, Used Antifreeze, Gear Oil, Red Diesel, Windshield Solution, Oxygen, Acetylene, Ar/CO2, and Sump Waste have not been submitted into the HMBP (Hazardous Materials Business Plan). REQUIRED ACTION: Login to the www.emd.saccounty.net/EMDportal.html for the Portal or https://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f website for CERS and fill out the forms electronically. NOTIFY MR. STEELE (916 875-8403 / STEELED@SACCOUNTY.NET) WHEN THE SUBMITTAL OCCURS OR IT WILL NOT BE CLEARED OF THE VIOLATION.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	118701
Site Name:	GALT JOINT UNION SCHOOL DISTRICT
Violation Date:	05-04-2015
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.
Violation Notes:	OBSERVATION: The EPA ID# for this facility is inactive, which means hazardous waste may not be shipped legally by a licensed waste hauler. CORRECTIVE ACTION: Submit the DTSC form for number renewal (supplied on site) to DTSC, not the County. NOTIFY MR. STEELE (916 875-8403 / STEELED@SACCOUNTY.NET) WHEN THE EPA ID# IS ACTIVATED OR IT WILL NOT BE CLEARED OF THE VIOLATION.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	118701
Site Name:	GALT JOINT UNION SCHOOL DISTRICT
Violation Date:	05-04-2015
Citation:	22 CCR 16 66266.81(a)(3) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(a)(3)
Violation Description:	Failure to meet hazardous waste requirements while operating a spent lead-acid storage batteries in exchange or partial exchange for operable lead-acid storage batteries by either: 1) Storing more than one ton of spent batteries at any one location for more than 180 days. 2) Storing one ton or less of spent batteries at any one location for more than one year, or 3) Removing the electrolyte.
Violation Notes:	OBSERVATION: The auto batteries are stored on dirt, instead of on a spark free surface such as a pallet or rubber mat, as required. CORRECTIVE ACTION: Place the batteries on a spark free surface out of the elements, photograph, and send photo to the County c/o Mr. Steele to show compliance.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HW

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Violation Source:	CERS,
Site ID:	118701
Site Name:	GALT JOINT UNION SCHOOL DISTRICT
Violation Date:	09-11-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/11/2019. OBSERVATION #1: The chemical inventory information for Waste Oil is not accurate in CERS. The number of days the waste is present on site is indicated as 90 days, but the waste oil tank is present on site for 365 days of the year. CORRECTIVE ACTION #1: Revise/complete the chemical inventory information for the listed hazardous materials and submit electronically in CERS. CERS was updated by management during inspection, no further action is required at this time. OBSERVATION #2: The Hazardous Materials Inventory Chemical Description pages for used oil filters and diesel exhaust fluid have not been submitted in CERS. CORRECTIVE ACTION #2: Complete and submit the Hazardous Materials Inventory Chemical Description pages for all materials listed above electronically in the CERS. CERS was updated by management during inspection, no further action is required at this time.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	118701
Site Name:	GALT JOINT UNION SCHOOL DISTRICT
Violation Date:	05-04-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Refer to Q350.
Violation Division:	Sacramento County Env Management Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	118701
Site Name:	GALT JOINT UNION SCHOOL DISTRICT
Violation Date:	09-11-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/11/2019. OBSERVATION: There are two 55 gal drums of waste antifreeze in the waste accumulation area, and one was observed without a hazardous waste label. CORRECTIVE ACTION: A hazardous waste label was applied to the referenced waste drum during inspection by facility management. No further action is required at

LAKE CANYON ELEMENTARY (Continued) **S108207521**

this time, but moving forward ensure all containers of hazardous waste are properly labeled.
Violation Division: Sacramento County Env Management Department
Violation Program: HW
Violation Source: CERS,

Site ID: 118701
Site Name: GALT JOINT UNION SCHOOL DISTRICT
Violation Date: 09-11-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 09/11/2019. OBSERVATION: The Emergency Response Plan and procedures submitted in CERS (California Environmental Reporting System) is inaccurate and thus incomplete. In section A, it is indicated the plan only covers emergency responses to hazardous material, but it should cover emergency responses to BOTH hazardous material AND hazardous waste (both are present on site). CORRECTIVE ACTION: Revise the Emergency Response Plan and procedures to be accurate/complete and submit electronically in CERS. The response plan in CERS was updated by management during inspection, no further action is required at this time.
Violation Division: Sacramento County Env Management Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-11-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-11-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Eval Date: 05-04-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Sacramento County Env Management Department
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 118701
Site Name: GALT JOINT UNION SCHOOL DISTRICT
Site Address: 1019 BEAVER PARK WAY
Site City: GALT
Site Zip: 95632
Enf Action Date: 05-04-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Sacramento County Env Management Department
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 118701
Site Name: GALT JOINT UNION SCHOOL DISTRICT
Site Address: 1019 BEAVER PARK WAY
Site City: GALT
Site Zip: 95632
Enf Action Date: 05-04-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Sacramento County Env Management Department
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 118701
Facility Name: GALT JOINT UNION SCHOOL DISTRICT
Env Int Type Code: HWG
Program ID: 10223695
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 38.285540
Longitude: -121.299890

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Michelle Trujillo
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: ,

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Affiliation Type Desc:	CUPA District
Entity Name:	Sacramento County Environmental Management Departm
Entity Title:	Not reported
Affiliation Address:	11080 WHITE ROCK ROAD, STE. 200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95670
Affiliation Phone:	(916) 875-8550,

Affiliation Type Desc:	Legal Owner
Entity Name:	GALT JOINT UNION SCHOOL DIST
Entity Title:	Not reported
Affiliation Address:	1018 C ST STE 210
Affiliation City:	GALT
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95632
Affiliation Phone:	(209) 745-1019,

Affiliation Type Desc:	Operator
Entity Name:	Galt Joint Union School District
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 745-1059,

Affiliation Type Desc:	Parent Corporation
Entity Name:	GALT JOINT UNION ELEMENTARY SCHOOL DISTRICT
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Michelle Trujillo
Entity Title:	Not reported
Affiliation Address:	1019 Beaver Park Way
Affiliation City:	Galt
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95632
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1018 C ST STE 210
Affiliation City:	GALT
Affiliation State:	CA
Affiliation Country:	Not reported

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Affiliation Zip: 95632
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Michelle Trujillo
Entity Title: Transportation Supervisor
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: GALT ELEMENTARY SCHOOL DISTRICT
Address: 1019 BEAVER PARK WAY
City,State,Zip: GALT, CA 95632
Site ID: 532531
CERS ID: 228622
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 532531
Site Name: Galt Elementary School District
Violation Date: 07-01-2009
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient BMP Implementation
Violation Notes: Failure to maintain stormwater BMPs. Exceedance of EPA benchmarks.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-22-2019
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Central Valley Regional Water Quality Control Board staff (Board staff) conducted an industrial stormwater inspection of the Facility for compliance with the Industrial General Permit. The Facility is a school bus maintenance and storage facility. At the time of inspection, personnel familiar with the Facility's stormwater program was not available, so inspection reports were not reviewed. Observations during the inspection included oils stains throughout the Facility's bus parking area and storm drain inlets in need of maintenance. Review of the Facility's SWPPP showed that the fueling operations needed to be updated to include the fueling area onsite. A response was requested of the Discharger to include corrective actions to the deficiencies observed and a revised SWPPP of the Facility to include the new fueling operations. A copy of the inspection report and transmittal letter are included with this entry.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Enforcement Action:
Site ID: 532531

LAKE CANYON ELEMENTARY (Continued) **S108207521**

Site Name: Galt Elementary School District
Site Address: 1019 BEAVER PARK WAY
Site City: GALT
Site Zip: 95632
Enf Action Date: 10-23-2009
Enf Action Type: Staff Enforcement Letter
Enf Action Description: Staff Enforcement Letter
Enf Action Notes: SEL for exceedance of benchmark values in storm water discharges indicating a need to improve BMPs.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Galt Elementary School District
Entity Title: Operator
Affiliation Address: 1018 C St Ste 210
Affiliation City: Galt
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95632
Affiliation Phone: ,

Name: LAKE CANYON ELEMENTA
Address: 1019 BEAVER PARK WAY
City,State,Zip: GALT, CA 95632
Site ID: 608241
CERS ID: 34650002
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Lead Project Manager
Entity Name: Kamili Siglowide
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Supervisor
Entity Name: Mark Malinowski
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: ,

Count: 0 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/03/2025
Next Scheduled EDR Contact: 04/07/2025
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 10
Telephone 206-553-8665

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

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: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/03/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 03/03/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 2

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/18/2024
Next Scheduled EDR Contact: 04/07/2025
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: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
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: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
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: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
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: 11/11/2024
Date Data Arrived at EDR: 11/25/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 85

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 05/19/2025
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: 11/04/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 02/11/2025
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/18/2025
Next Scheduled EDR Contact: 12/02/2024
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: 11/04/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 02/11/2025
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/18/2025
Next Scheduled EDR Contact: 06/02/2025
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: 12/03/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 69

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/06/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 86

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41
Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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: 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: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/12/2024
Date Data Arrived at EDR: 10/30/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 76

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
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: 11/25/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 01/07/2025
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 11/26/2024
Date Data Arrived at EDR: 11/26/2024
Date Made Active in Reports: 02/20/2025
Number of Days to Update: 86

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
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: 03/05/2025
Next Scheduled EDR Contact: 06/23/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/11/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 03/03/2025
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
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: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/23/2025
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: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/02/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 02/24/2025
Number of Days to Update: 83

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/13/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 12/12/2024
Number of Days to Update: 27

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
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: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
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: 01/23/2025
Next Scheduled EDR Contact: 04/28/2025
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: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 12/09/2024
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/02/2025
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: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 03/21/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: California Environmental Reporting System Hazardous Waste

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 07/29/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 10/17/2024
Number of Days to Update: 79

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/26/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/19/2025
Next Scheduled EDR Contact: 06/09/2025
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: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 03/03/2025
Next Scheduled EDR Contact: 04/07/2025
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: 11/20/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 02/25/2025
Next Scheduled EDR Contact: 06/09/2025
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: 12/10/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 02/27/2025
Number of Days to Update: 78

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
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: 08/01/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
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: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
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: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
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: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
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: 10/01/2024
Date Data Arrived at EDR: 11/12/2024
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 70

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/07/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 05/19/2025
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: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
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: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
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: 01/30/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/10/2025
Next Scheduled EDR Contact: 06/23/2025
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: 12/31/2023
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 7

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
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: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 04/28/2025
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: 01/29/2025
Date Data Arrived at EDR: 02/03/2025
Date Made Active in Reports: 02/27/2025
Number of Days to Update: 24

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/03/2025
Next Scheduled EDR Contact: 06/09/2025
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: 10/01/2024
Date Data Arrived at EDR: 10/23/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 03/03/2025
Next Scheduled EDR Contact: 05/12/2025
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: 07/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 100

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
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: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
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: 10/12/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 33
Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/09/2025
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: 02/24/2025
Next Scheduled EDR Contact: 06/09/2025
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: 01/30/2025
Next Scheduled EDR Contact: 05/12/2025
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: 03/20/2025
Next Scheduled EDR Contact: 07/07/2025
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: 10/04/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 51

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
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: 09/30/2024
Date Data Arrived at EDR: 10/09/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 93

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
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: 12/31/2023
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/07/2025
Number of Days to Update: 16

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
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: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
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: 02/12/2025
Date Data Arrived at EDR: 02/12/2025
Date Made Active in Reports: 02/27/2025
Number of Days to Update: 15

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 03/03/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 02/19/2025
Date Data Arrived at EDR: 02/21/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 27
Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 02/19/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Quarterly

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/18/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 30
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/18/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/02/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 50
Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/02/2025
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: 02/20/2025
Next Scheduled EDR Contact: 06/02/2025
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: 12/10/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 69

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 06/04/2024
Date Data Arrived at EDR: 11/22/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 88

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Varies

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: 11/11/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 90

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 02/25/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/06/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
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: 12/21/2024
Date Data Arrived at EDR: 12/27/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/27/2024
Next Scheduled EDR Contact: 04/14/2025
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: 11/08/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 67

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/13/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/13/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 03/06/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 02/20/2025
Next Scheduled EDR Contact: 04/14/2025
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: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 01/12/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 65

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Semi-Annually

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/14/2025
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS sites included in the Envirostor and GeoTracker databases. Locations of potential sources of per - and polyfluoroalkyl substances (PFAS). This does not mean that PFAS has been produced, used, or discharged at these sites.

Date of Government Version: 12/02/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 02/24/2025
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 12/02/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 02/24/2025
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 12/02/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 02/24/2025
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

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: 12/11/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 03/04/2025
Number of Days to Update: 83

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

CUPA LIV-PLE: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 09/19/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 87

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
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: 08/28/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/19/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Annually

DRYCLEAN SHASTA: Shasta County Air Quality Management District District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 08/29/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69

Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE: Mojave Desert Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN N SIERRA: Northern Sierra Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTERY BAY: Monterey Bay Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/26/2024
Number of Days to Update: 76

Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN VENTURA: Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/14/2024
Number of Days to Update: 78

Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQUIN: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77

Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 09/10/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/25/2024
Number of Days to Update: 75

Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RVR: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88

Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/29/2024
Date Data Arrived at EDR: 11/07/2024
Date Made Active in Reports: 11/22/2024
Number of Days to Update: 15

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 03/13/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Varies

DRYCLEAN N SONOMA: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 08/23/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 71
Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List
Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 01/26/2024
Date Made Active in Reports: 04/16/2024
Number of Days to Update: 81
Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 72
Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN LAKE: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 02/15/2024
Date Data Arrived at EDR: 02/16/2024
Date Made Active in Reports: 05/02/2024
Number of Days to Update: 76
Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77
Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDOCINO: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 09/03/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 71
Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69
Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 10/02/2024
Date Data Arrived at EDR: 10/03/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 78

Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 01/03/2024
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 76

Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89

Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BAY AREA: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432

Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412

Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN N COAST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473

Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468

Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/14/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 02/05/2025
Number of Days to Update: 82

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 06/11/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 84

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/11/2025
Next Scheduled EDR Contact: 06/23/2025
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: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

FIN ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 10/10/2024
Date Made Active in Reports: 12/30/2024
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

FIN 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: 11/06/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 84

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/08/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 87

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
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: 11/08/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 87

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
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: 12/27/2024
Date Data Arrived at EDR: 12/27/2024
Date Made Active in Reports: 03/13/2025
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 12/27/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Quarterly

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/19/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
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: 12/31/2024
Date Data Arrived at EDR: 01/03/2025
Date Made Active in Reports: 03/19/2025
Number of Days to Update: 75

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Annually

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/02/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 02/24/2025
Number of Days to Update: 83
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
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: 10/07/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 02/25/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 87
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
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: 11/20/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 02/25/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/02/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 02/24/2025
Number of Days to Update: 83
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
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: 09/05/2024
Date Data Arrived at EDR: 09/06/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 68
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/05/2025
Next Scheduled EDR Contact: 06/23/2025
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: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Annually

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 12/02/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 02/25/2025
Number of Days to Update: 84
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
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: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
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: 03/12/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
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: 12/02/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 02/25/2025
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
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: 11/20/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/12/2025
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 02/25/2025
Next Scheduled EDR Contact: 06/09/2025
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: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
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: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 12/26/2023
Date Made Active in Reports: 03/19/2024
Number of Days to Update: 84

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/16/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 03/05/2025
Number of Days to Update: 77

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/30/2025
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: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 10/21/2024
Date Data Arrived at EDR: 10/23/2024
Date Made Active in Reports: 01/13/2025
Number of Days to Update: 82

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/08/2024
Date Made Active in Reports: 04/26/2024
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
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: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 10/11/2024
Date Made Active in Reports: 12/30/2024
Number of Days to Update: 80

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
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: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
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: 01/27/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 2

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 2

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 10/31/2024
Date Data Arrived at EDR: 11/01/2024
Date Made Active in Reports: 01/17/2025
Number of Days to Update: 77

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
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: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
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: 03/05/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/26/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 12/12/2024
Number of Days to Update: 72

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/06/2025
Date Data Arrived at EDR: 01/07/2025
Date Made Active in Reports: 03/19/2025
Number of Days to Update: 71

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/07/2025
Next Scheduled EDR Contact: 04/21/2025
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: 12/31/2023
Date Data Arrived at EDR: 10/03/2024
Date Made Active in Reports: 12/17/2024
Number of Days to Update: 75

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
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: 03/12/2025
Next Scheduled EDR Contact: 06/30/2025
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: 05/14/2024
Date Data Arrived at EDR: 07/09/2024
Date Made Active in Reports: 09/27/2024
Number of Days to Update: 80

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/21/2025
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: 12/03/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 03/04/2025
Number of Days to Update: 83

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
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: 12/03/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 03/04/2025
Number of Days to Update: 83

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation LA County List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/21/2024
Date Data Arrived at EDR: 07/16/2024
Date Made Active in Reports: 10/07/2024
Number of Days to Update: 83

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
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: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
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: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
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: 10/15/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 01/07/2025
Number of Days to Update: 82

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
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: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
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: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/08/2024
Date Data Arrived at EDR: 10/09/2024
Date Made Active in Reports: 10/31/2024
Number of Days to Update: 22

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/10/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 02/20/2025
Number of Days to Update: 37

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
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: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
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: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/27/2025
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 7

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups Orange County
Petroleum and non-petroleum spills.

Date of Government Version: 10/31/2024
Date Data Arrived at EDR: 10/31/2024
Date Made Active in Reports: 01/24/2025
Number of Days to Update: 85

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/31/2024
Date Data Arrived at EDR: 10/31/2024
Date Made Active in Reports: 01/24/2025
Number of Days to Update: 85

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/05/2025
Date Data Arrived at EDR: 02/06/2025
Date Made Active in Reports: 03/14/2025
Number of Days to Update: 36

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
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: 11/19/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/19/2025
Next Scheduled EDR Contact: 06/09/2025
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: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/11/2024
Date Data Arrived at EDR: 06/12/2024
Date Made Active in Reports: 06/27/2024
Number of Days to Update: 15

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/05/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 12/05/2024
Date Data Arrived at EDR: 12/05/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 26

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/05/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 10/25/2024
Date Data Arrived at EDR: 10/29/2024
Date Made Active in Reports: 01/17/2025
Number of Days to Update: 80

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 12/12/2024
Date Data Arrived at EDR: 12/16/2024
Date Made Active in Reports: 03/05/2025
Number of Days to Update: 79

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 03/05/2025
Next Scheduled EDR Contact: 05/12/2025
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: 11/20/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 02/25/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2023
Date Data Arrived at EDR: 01/31/2024
Date Made Active in Reports: 04/17/2024
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
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: 02/19/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 10/28/2024
Date Data Arrived at EDR: 10/30/2024
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 83

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
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: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 10/28/2024
Date Data Arrived at EDR: 10/30/2024
Date Made Active in Reports: 01/24/2025
Number of Days to Update: 86

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/06/2025
Number of Days to Update: 82

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/05/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/12/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 02/06/2025
Number of Days to Update: 85

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
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: 03/06/2025
Next Scheduled EDR Contact: 06/16/2025
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: 02/26/2025
Next Scheduled EDR Contact: 06/16/2025
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: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 11/19/2024
Date Made Active in Reports: 02/12/2025
Number of Days to Update: 85
Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
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: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

SITE MIT SANTA CRUZ: Site Mitigation Santa Cruz County List
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
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: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
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: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 11/05/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/12/2025
Next Scheduled EDR Contact: 06/02/2025
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/27/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/12/2024
Number of Days to Update: 76

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 10/11/2024
Date Made Active in Reports: 12/30/2024
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
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: 07/02/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 6

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/13/2025
Next Scheduled EDR Contact: 04/28/2025
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: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
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: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
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: 07/02/2024
Date Data Arrived at EDR: 07/18/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 5

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/13/2025
Next Scheduled EDR Contact: 04/28/2025
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: 08/27/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 70

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
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: 09/18/2024
Date Data Arrived at EDR: 09/25/2024
Date Made Active in Reports: 12/13/2024
Number of Days to Update: 79

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/17/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/27/2025
Number of Days to Update: 83

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
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: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
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: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/05/2025
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: 01/06/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/26/2025
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: 02/26/2025
Next Scheduled EDR Contact: 06/16/2025
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

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.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SHEFFIELD SUBDIVISION PHASE I ESA
13315 EAST STOCKTON BOULEVARD
GALT, CA 95632

TARGET PROPERTY COORDINATES

Latitude (North):	38.272644 - 38˚ 16’ 21.52’’
Longitude (West):	121.300636 - 121˚ 18’ 2.29’’
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	648654.4
UTM Y (Meters):	4237225.5
Elevation:	52 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50005934 GALT, CA
Version Date:	2021

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

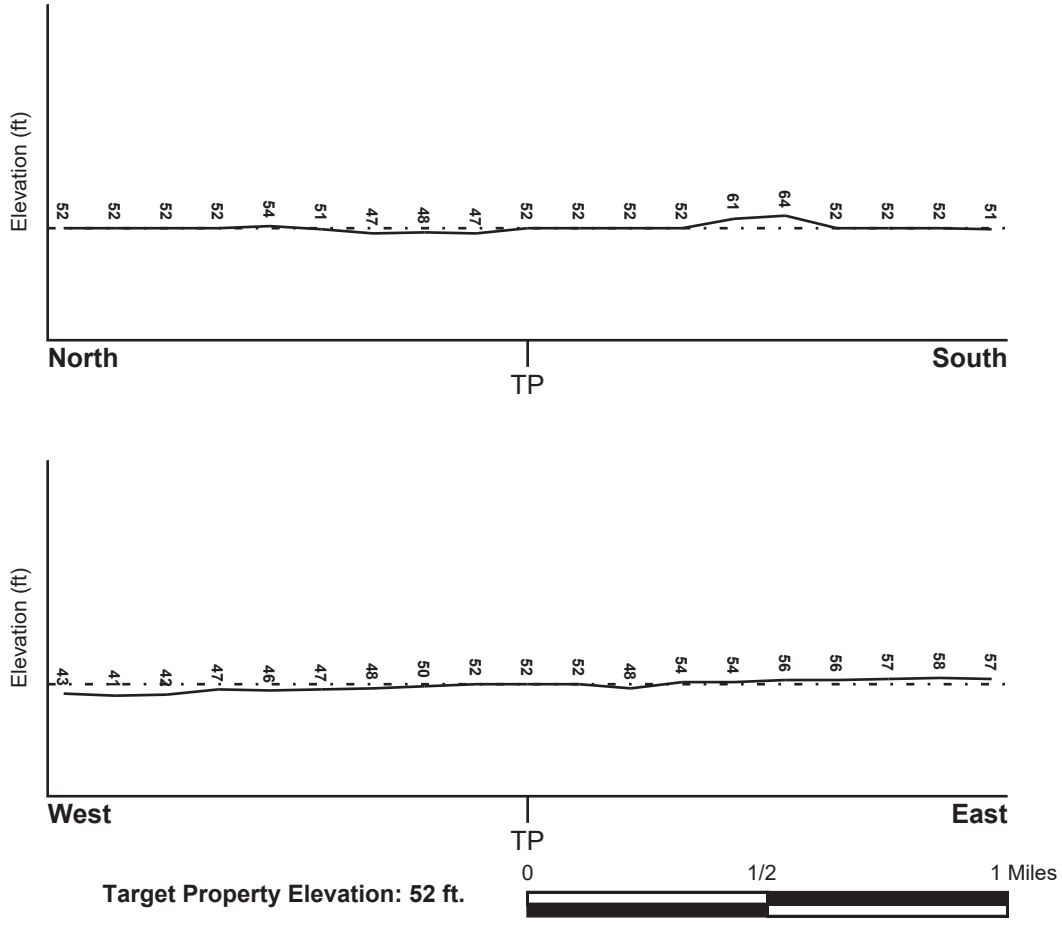
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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
06077C0050F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
GALT	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

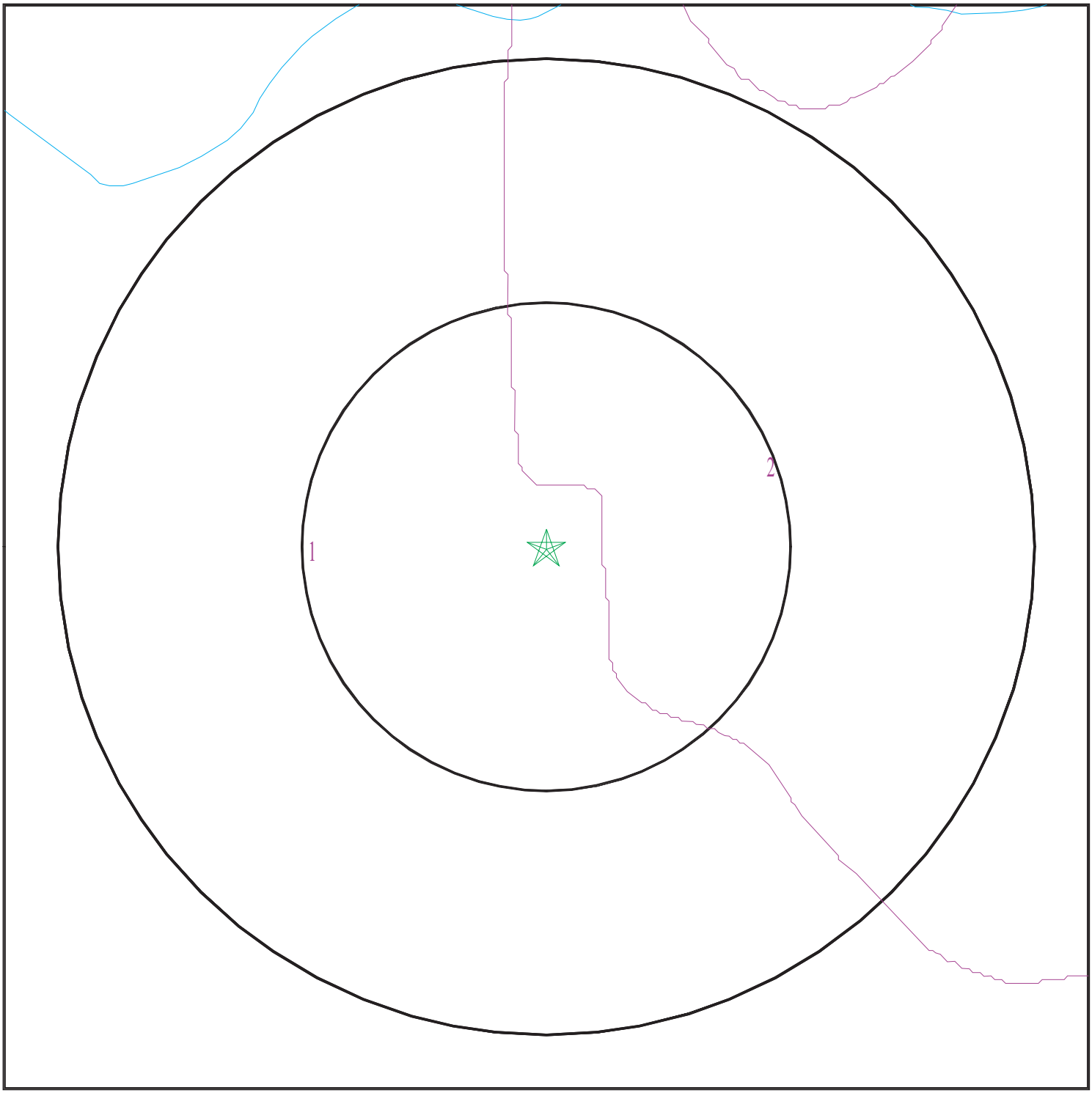
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

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 - 7939303.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Sheffield Subdivision Phase I ESA	CLIENT:	Geocon Consultants, Inc.
ADDRESS:	13315 East Stockton Boulevard Galt CA 95632	CONTACT:	Kathlyn Ortega
LAT/LONG:	38.272644 / 121.300636	INQUIRY #:	7939303.2s
		DATE:	March 26, 2025 7:55 pm

Copyright © 2025 EDR, Inc. © 2015 TomTom Rel. 2015.

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: SAN JOAQUIN

Soil Surface Texture: silt loam

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: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	22 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
2	22 inches	27 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1
3	27 inches	53 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
4	53 inches	59 inches	stratified sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

Soil Map ID: 2

Soil Component Name: DURIXERALFS

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: 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	5 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	5 inches	20 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	20 inches	59 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

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 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
32	USGS40000187574	1/2 - 1 Mile SE
45	USGS40000187593	1/2 - 1 Mile ENE
D47	USGS40000187565	1/2 - 1 Mile SSW
C49	USGS40000187558	1/2 - 1 Mile SSE
E53	USGS40000187592	1/2 - 1 Mile West
55	USGS40000187563	1/2 - 1 Mile SW
56	USGS40000187581	1/2 - 1 Mile WSW
57	USGS40000187620	1/2 - 1 Mile NW
F62	USGS40000187629	1/2 - 1 Mile NNW
63	USGS40000187560	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

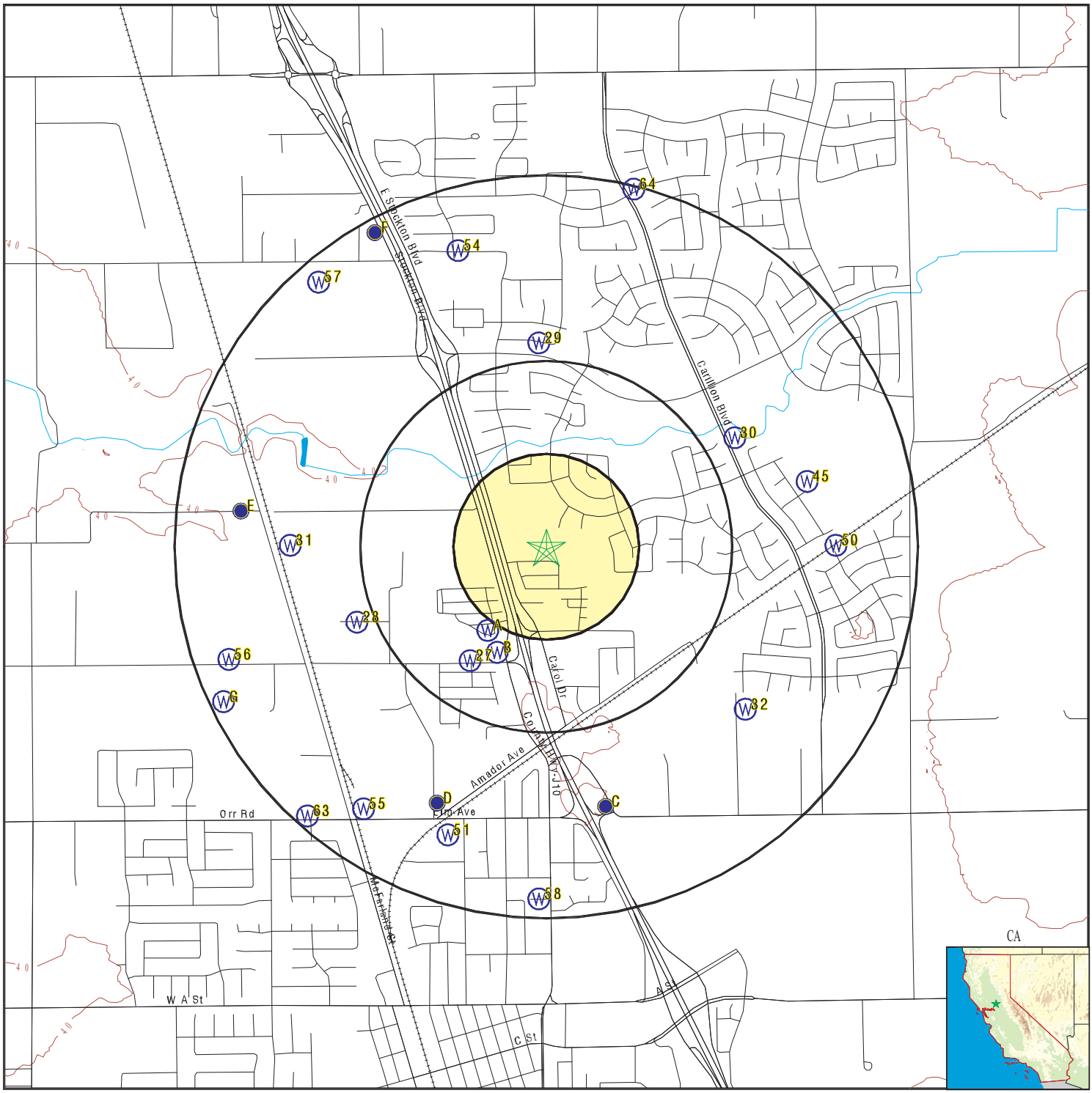
MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000064264	1/8 - 1/4 Mile SW
A2	CADDW2000019268	1/8 - 1/4 Mile SW
A3	CAEDF0000132513	1/4 - 1/2 Mile SW
A4	CADDW2000011777	1/4 - 1/2 Mile SW
A5	CAEDF0000003383	1/4 - 1/2 Mile SW
A6	CAEDF0000052185	1/4 - 1/2 Mile SSW
A7	5561	1/4 - 1/2 Mile SW
B8	CAEDF0000010408	1/4 - 1/2 Mile SSW
A9	CAEDF0000091840	1/4 - 1/2 Mile SSW
A10	CAEDF0000112268	1/4 - 1/2 Mile SW
A11	CAEDF0000106003	1/4 - 1/2 Mile SSW
A12	CAEDF0000098249	1/4 - 1/2 Mile SW
A13	CAEDF0000127422	1/4 - 1/2 Mile SSW
B14	CAEDF0000038492	1/4 - 1/2 Mile SSW
B15	CAEDF0000134971	1/4 - 1/2 Mile SSW
B16	CAEDF0000079539	1/4 - 1/2 Mile SSW
B17	CAEDF0000014121	1/4 - 1/2 Mile SSW
A18	CAEDF0000129424	1/4 - 1/2 Mile SW
B19	CAEDF0000102334	1/4 - 1/2 Mile SSW
B20	CAEDF0000032595	1/4 - 1/2 Mile SSW
B21	CAEDF0000107871	1/4 - 1/2 Mile SSW
B22	CAEDF0000114228	1/4 - 1/2 Mile SSW
B23	CAEDF0000090966	1/4 - 1/2 Mile SSW
B24	CAEDF0000053192	1/4 - 1/2 Mile SSW
B25	CAEDF0000103853	1/4 - 1/2 Mile SSW
B26	CAEDF0000124920	1/4 - 1/2 Mile SSW
27	CAEDF0000061574	1/4 - 1/2 Mile SW
28	CADWR0000018878	1/2 - 1 Mile WSW
29	CADWR0000004337	1/2 - 1 Mile North
30	CADDW2000004359	1/2 - 1 Mile ENE
31	CADDW2000003526	1/2 - 1 Mile West
C33	CAEDF0000044658	1/2 - 1 Mile SSE
C34	CAEDF0000117009	1/2 - 1 Mile SSE
C35	CAEDF0000067262	1/2 - 1 Mile SSE
C36	CAEDF0000124169	1/2 - 1 Mile SSE
C37	CAEDF0000125640	1/2 - 1 Mile SSE
C38	CAEDF0000013944	1/2 - 1 Mile SSE
C39	CAEDF0000071615	1/2 - 1 Mile SSE
C40	CAEDF0000057457	1/2 - 1 Mile SSE
C41	CAEDF0000113825	1/2 - 1 Mile SSE
C42	CAEDF0000140059	1/2 - 1 Mile SSE
C43	CAEDF0000082110	1/2 - 1 Mile SSE
C44	CAEDF0000015562	1/2 - 1 Mile SSE
C46	CADWR9000038706	1/2 - 1 Mile SSE
D48	CAUSGSN00006121	1/2 - 1 Mile SSW
50	CADDW2000005351	1/2 - 1 Mile East
51	CAEDF0000077823	1/2 - 1 Mile SSW
E52	CAUSGSN00002282	1/2 - 1 Mile West
54	CADWR0000001467	1/2 - 1 Mile NNW
58	CADWR0000026774	1/2 - 1 Mile South
F59	CAUSGSN00002966	1/2 - 1 Mile NNW
G60	CADDW2000024082	1/2 - 1 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G61	CADDW2000024276	1/2 - 1 Mile WSW
64	CADDW2000005696	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 7939303.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Sheffield Subdivision Phase I ESA	CLIENT:	Geocon Consultants, Inc.
ADDRESS:	13315 East Stockton Boulevard Galt CA 95632	CONTACT:	Kathlyn Ortega
		INQUIRY #:	7939303.2s
LAT/LONG:	38.272644 / 121.300636	DATE:	March 26, 2025 7:55 pm

Copyright © 2025 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CAEDF0000064264**

Well ID:	T0606700900-GME-1	Well Type:	MONITORING
Source:	EDF	Other Name:	GME-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=GME-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=GME-1		

A2
SW
1/8 - 1/4 Mile
Lower

CA WELLS **CADDW2000019268**

GAMA:

Well ID:	CA3400126_001_001	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3400126-001
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=CA3400126_001_001&store_num=		
GeoTracker Data:	Not Reported		

A3
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000132513**

Well ID:	T0606700900-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-15		

A4
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CADDW2000011777**

GAMA:

Well ID:	CA3400126_002_002	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3400126-002
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=CA3400126_002_002&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A5
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000003383**

Well ID:	T0606700900-GME-2	Well Type:	MONITORING
Source:	EDF	Other Name:	GME-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=GME-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=GME-2		

A6
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000052185**

Well ID:	T0606700900-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-17		

A7
SW
1/4 - 1/2 Mile
Lower

CA WELLS **5561**

Seq:	5561	Prim sta c:	05N/06E-22H01 M
Frds no:	3400126001	County:	34
District:	64	User id:	34C
System no:	3400126	Water type:	G
Source nam:	WELL A	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	381611.0	Longitude:	1211810.0
Precision:	3	Status:	AR
Comment 1:	820 LINCOLN WY GALT CA 95632	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:	3400126	System nam:	Galt Mhp
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B8
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000010408**

Well ID:	T0606700900-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-16		

A9
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000091840**

Well ID:	T0606700900-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-13		

A10
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000112268**

Well ID:	T0606700900-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-14		

A11
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000106003**

Well ID:	T0606700900-EW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=EW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=EW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A12
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000098249**

Well ID:	T0606700900-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-18		

A13
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000127422**

Well ID:	T0606700900-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-11		

B14
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000038492**

Well ID:	T0606700900-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-5		

B15
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000134971**

Well ID:	T0606700900-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-10		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B16
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000079539**

Well ID:	T0606700900-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-9		

B17
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000014121**

Well ID:	T0606700900-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-20		

A18
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000129424**

Well ID:	T0606700900-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-19		

B19
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000102334**

Well ID:	T0606700900-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-12		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B20
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000032595**

Well ID:	T0606700900-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-6		

B21
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000107871**

Well ID:	T0606700900-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-3		

B22
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000114228**

Well ID:	T0606700900-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-4		

B23
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000090966**

Well ID:	T0606700900-EW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=EW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=EW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B24
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000053192**

Well ID:	T0606700900-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-21		

B25
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000103853**

Well ID:	T0606700900-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-2		

B26
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000124920**

Well ID:	T0606700900-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-8		

27
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000061574**

Well ID:	T0606700900-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606700900&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606700900&assigned_name=MW-22		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

28
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000018878**

Well ID:	05N06E22D003M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05N06E22D003M	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=05N06E22D003M&store_num=		
GeoTracker Data:	Not Reported		

29
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000004337**

Well ID:	05N06E15G001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05N06E15G001M	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=05N06E15G001M&store_num=		
GeoTracker Data:	Not Reported		

30
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADDW2000004359**

GAMA:

Well ID:	CA3410011_024_024	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3410011-024
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=CA3410011_024_024&store_num=		
GeoTracker Data:	Not Reported		

31
West
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000003526**

GAMA:

Well ID:	CA3410011_030_030	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3410011-030
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=CA3410011_030_030&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

32
SE
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000187574**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N006E23K001M	Type:	Well
Description:	Not Reported	HUC:	18020109
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:	19790703	Well Depth:	184
Well Depth Units:	ft	Well Hole Depth:	240
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1982-06-04
Feet below surface:	97.23	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1979-07-03	Feet below surface:	103.00
Feet to sea level:	Not Reported	Note:	Not Reported

C33
SSE
1/2 - 1 Mile
Lower | **CA WELLS** | **CAEDF0000044658**

Well ID:	T0606701101-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701101&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701101&assigned_name=MW-5		

C34
SSE
1/2 - 1 Mile
Lower | **CA WELLS** | **CAEDF0000117009**

Well ID:	T0606701101-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701101&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701101&assigned_name=MW-6		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C35
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067262**

Well ID:	T0606701101-DW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701101&assigned_name=DW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701101&assigned_name=DW-3		

C36
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000124169**

Well ID:	T0606701101-DW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701101&assigned_name=DW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701101&assigned_name=DW-2		

C37
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000125640**

Well ID:	T0606701101-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701101&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701101&assigned_name=MW-3		

C38
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000013944**

Well ID:	T0606701101-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701101&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701101&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C39
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000071615**

Well ID:	T0606701101-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701101&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701101&assigned_name=MW-7		

C40
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000057457**

Well ID:	T0606701101-DW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	DW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701101&assigned_name=DW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701101&assigned_name=DW-1		

C41
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000113825**

Well ID:	T0606701101-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701101&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701101&assigned_name=MW-1		

C42
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000140059**

Well ID:	T0606701101-EX-1	Well Type:	MONITORING
Source:	EDF	Other Name:	EX-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701101&assigned_name=EX-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701101&assigned_name=EX-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C43
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000082110**

Well ID:	T0606701101-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701101&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701101&assigned_name=MW-8		

C44
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000015562**

Well ID:	T0606701101-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701101&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701101&assigned_name=MW-2		

45
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000187593**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N006E23B001M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19600408	Well Depth:	132
Well Depth Units:	ft	Well Hole Depth:	748
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1960-04-08
Feet below surface:	80.00	Feet to sea level:	Not Reported
Note:	Not Reported		

C46
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000038706**

State Well #:	05N06E26D001M	Station ID:	4828
Well Name:	05N06E26D001M	Basin Name:	Cosumnes

Well Use:	Irrigation	Well Type:	Single Well
Well Depth:	383	Well Completion Rpt #:	64518

D47
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000187565**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N006E22Q002M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Merten Formation (Pliocene-Miocene)		
Aquifer Type:	Not Reported	Construction Date:	19700101
Well Depth:	500	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

D48
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00006121**

Well ID:	USGS-381546121181801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-381546121181801	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-381546121181801&store_num=		
GeoTracker Data:	Not Reported		

C49
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000187558**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N006E26D001M	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19600923	Well Depth:	383
Well Depth Units:	ft	Well Hole Depth:	385
Well Hole Depth Units:	ft		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

50
East
1/2 - 1 Mile
Higher

CA WELLS **CADDW2000005351**

GAMA:

Well ID:	CA3410011_019_019	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3410011-019
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=CA3410011_019_019&store_num=		
GeoTracker Data:	Not Reported		

51
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000077823**

Well ID:	T0606701096-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0606701096&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0606701096&assigned_name=MW1		

E52
West
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00002282**

Well ID:	USGS-381627121185301	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-381627121185301	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-381627121185301&store_num=		
GeoTracker Data:	Not Reported		

E53
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000187592**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N006E22D003M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19540730	Well Depth:	68
Well Depth Units:	ft	Well Hole Depth:	85
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1954-07-30
Feet below surface:	55.00	Feet to sea level:	Not Reported
Note:	Not Reported		

54
NNW **CA WELLS** **CADWR0000001467**
1/2 - 1 Mile
Higher

Well ID:	05N06E15C003M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05N06E15C003M	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=05N06E15C003M&store_num=		
GeoTracker Data:	Not Reported		

55
SW **FED USGS** **USGS40000187563**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N006E22P001M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19690101	Well Depth:	500
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

56
WSW **FED USGS** **USGS40000187581**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N006E22M002M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19610303	Well Depth:	110
Well Depth Units:	ft	Well Hole Depth:	488
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1982-06-08
Feet below surface:	108.83	Feet to sea level:	Not Reported
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1961-03-03	Feet below surface:	62.00
Feet to sea level:	Not Reported	Note:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

57
NW
1/2 - 1 Mile
Lower

FED USGS **USGS40000187620**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N006E15L002M	Type:	Well
Description:	Not Reported	HUC:	18020109
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:	19580101	Well Depth:	128
Well Depth Units:	ft	Well Hole Depth:	165
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1958-01-01
Feet below surface:	56.50	Feet to sea level:	Not Reported
Note:	Not Reported		

58
South
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000026774**

Well ID:	05N06E22Q002M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05N06E22Q002M	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=05N06E22Q002M&store_num=		
GeoTracker Data:	Not Reported		

F59
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00002966**

Well ID:	USGS-381706121182901	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-381706121182901	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-381706121182901&store_num=		
GeoTracker Data:	Not Reported		

G60
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000024082**

GAMA:

Well ID:	CA3410011_007_007	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3410011-007

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=CA3410011_007_007&store_num=
GeoTracker Data: Not Reported

G61
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000024276**

GAMA:

Well ID:	CA3410011_003_003	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3410011-003

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=CA3410011_003_003&store_num=
GeoTracker Data: Not Reported

F62
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000187629**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N006E15G001M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Laguna Formation	Aquifer Type:	Not Reported
Construction Date:	19681025	Well Depth:	135
Well Depth Units:	ft	Well Hole Depth:	185
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1982-06-09
Feet below surface:	97.18	Feet to sea level:	Not Reported
Note:	The site had been pumped recently.		

Level reading date:	1968-10-25	Feet below surface:	90.00
Feet to sea level:	Not Reported	Note:	Not Reported

63
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000187560**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005N006E22P002M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19771117	Well Depth:	200
Well Depth Units:	ft	Well Hole Depth:	244

Well Hole Depth Units:	ft		
Ground water levels,Number of Measurements:	1	Level reading date:	1977-11-17
Feet below surface:	112.00	Feet to sea level:	Not Reported
Note:	Not Reported		

64
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADDW2000005696**

GAMA:

Well ID:	CA3410011_021_021	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3410011-021
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=CA3410011_021_021&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95632	7	1

Federal EPA Radon Zone for SACRAMENTO 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 Zip Code: 95632

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

Geothermal Wells Listing
Department of Conservation
Telephone: 916-445-9686
Geothermal well means a well constructed to extract or return water to the ground after it has been used for heating or cooling purposes. Geothermal wells in California (except for wells on federal leases which are administered by the Bureau of Land Management) are permitted, drilled, operated, and permanently sealed and closed (plugged and abandoned) under requirements and procedures administered by the Geothermal Section of the Department of Conservations Geologic Energy Management Division (CalGEM, formerly DOGGR).

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

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

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX D

Sheffield Subdivision Phase I ESA

13315 East Stockton Boulevard

Galt, CA 95632

Inquiry Number: 7939303.8

March 26, 2025

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

03/26/25

Site Name:

Sheffield Subdivision Phase I E
13315 East Stockton Boulevarc
Galt, CA 95632
EDR Inquiry # 7939303.8

Client Name:

Geocon Consultants, Inc.
3160 Gold Valley Drive Suite 800
Rancho Cordova, CA 95742
Contact: Kathlyn Ortega

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1993	1"=500'	Acquisition Date: May 23, 1993	USGS/DOQQ
1984	1"=500'	Flight Date: June 08, 1984	USDA
1975	1"=500'	Flight Date: November 11, 1975	Cartwright
1972	1"=500'	Flight Date: June 28, 1972	USDA
1964	1"=500'	Flight Date: May 19, 1964	USDA
1957	1"=500'	Flight Date: August 24, 1957	USDA
1940	1"=500'	Flight Date: May 26, 1940	USDA
1937	1"=500'	Flight Date: August 17, 1937	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT.

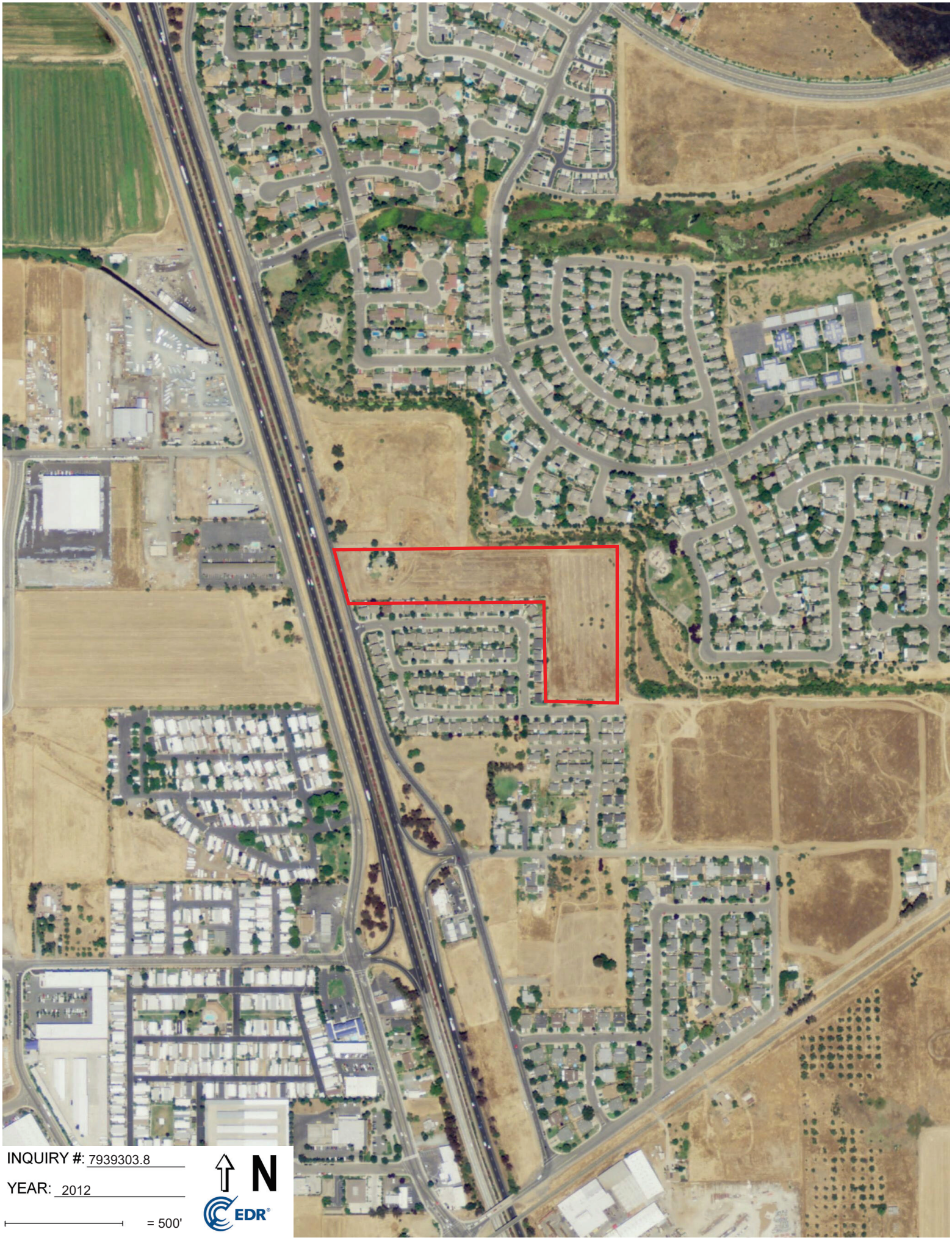
Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2025 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.


INQUIRY #: 7939303.8
YEAR: 2020
= 500'
N
EDR


INQUIRY #: 7939303.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 7939303.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 7939303.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 7939303.8
YEAR: 2006
= 500'
N
EDR



INQUIRY #: 7939303.8

YEAR: 1993

= 500'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.


INQUIRY #: 7939303.8
YEAR: 1984
= 500'
N
EDR



INQUIRY #: 7939303.8

YEAR: 1975

= 500'

N

EDR



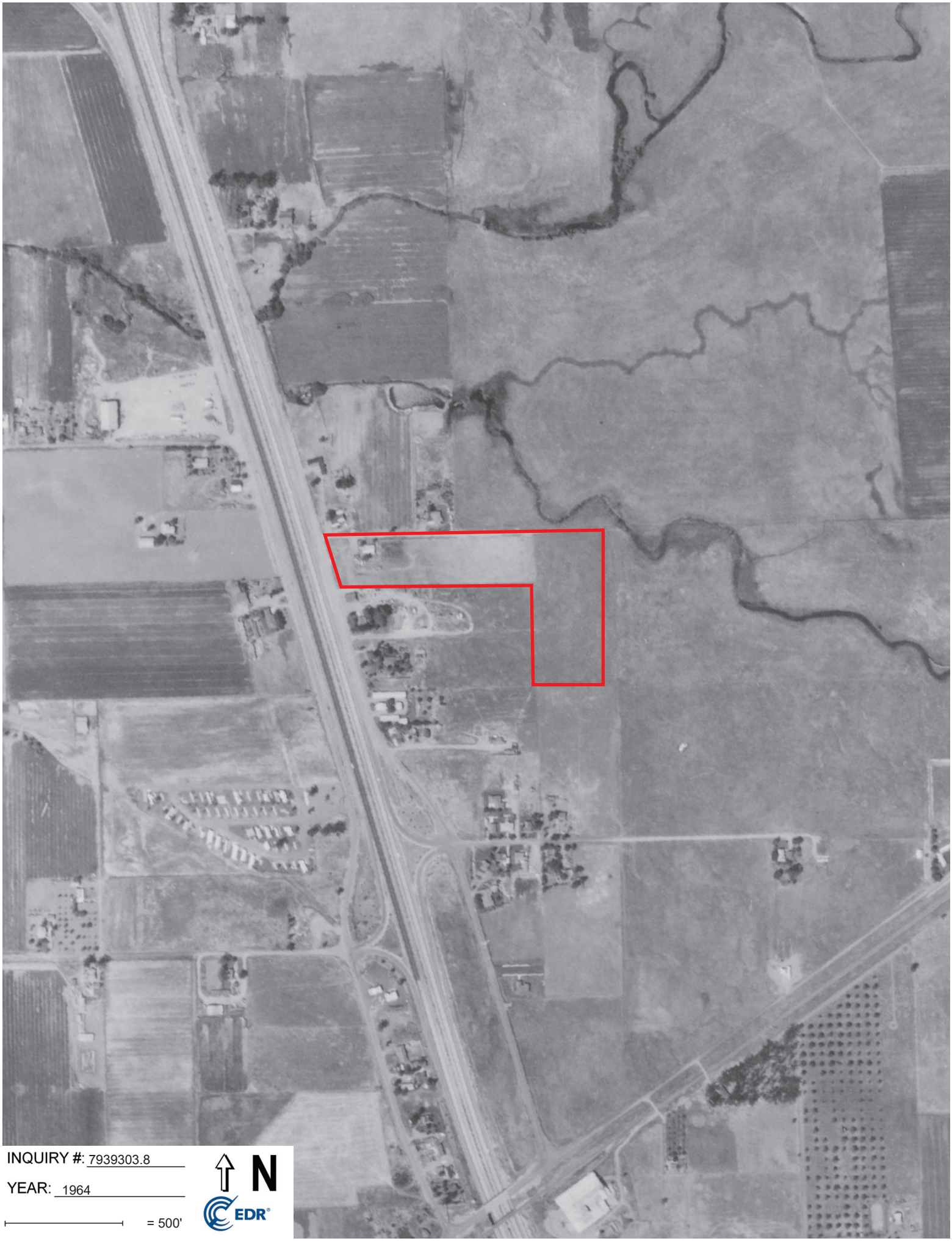
INQUIRY #: 7939303.8

YEAR: 1972

= 500'

N

EDR



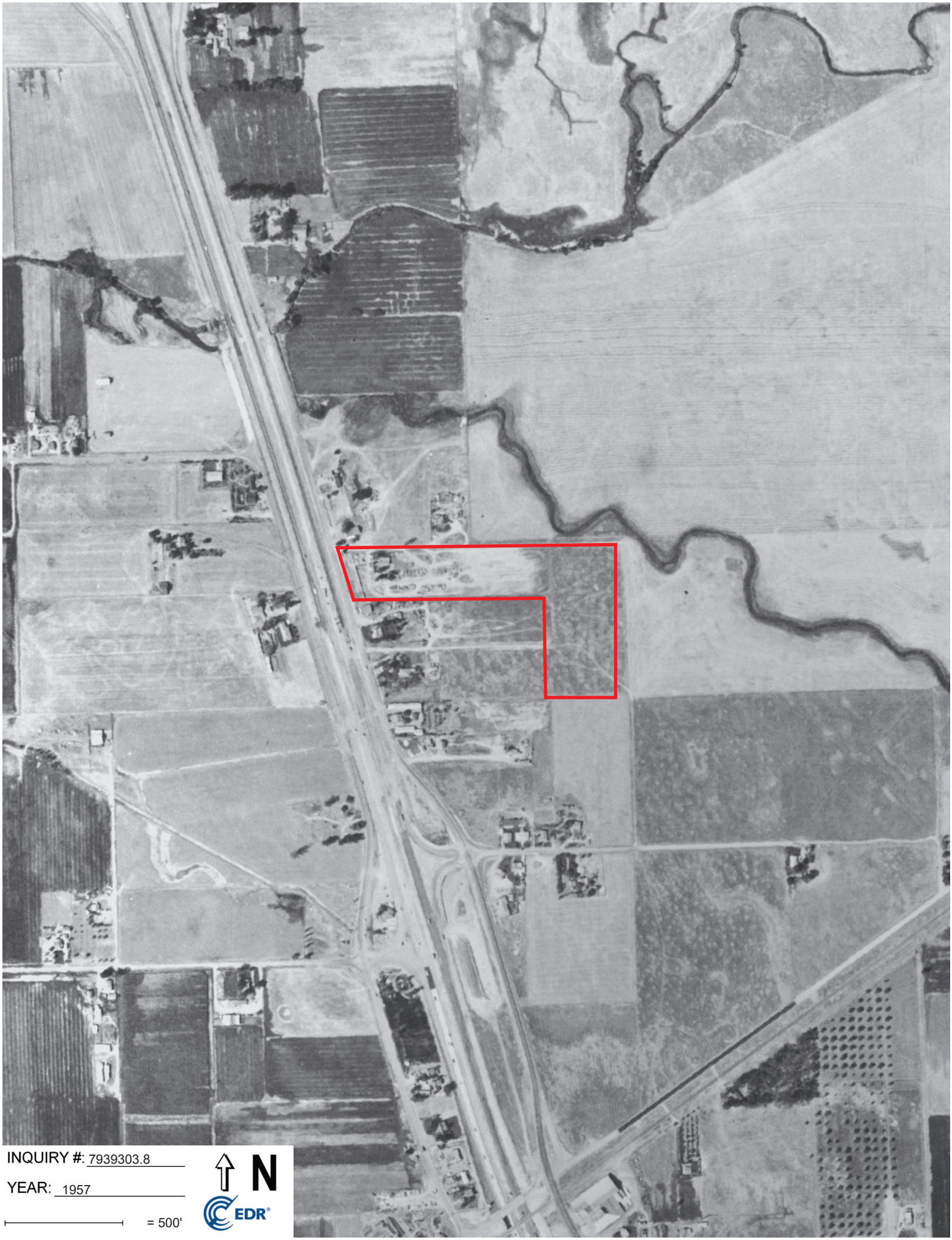
INQUIRY #: 7939303.8

YEAR: 1964

= 500'

N

EDR



INQUIRY #: 7939303.8

YEAR: 1957

= 500'

N

EDR


INQUIRY #: 7939303.8
YEAR: 1940
= 500'
N
EDR



INQUIRY #: 7939303.8

YEAR: 1937

= 500'

N

EDR

APPENDIX E

Sheffield Subdivision Phase I ESA

13315 East Stockton Boulevard

Galt, CA 95632

Inquiry Number: 7939303.4

March 26, 2025

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

03/26/25

Site Name:

Sheffield Subdivision Phase I E
13315 East Stockton Boulevarc
Galt, CA 95632
EDR Inquiry # 7939303.4

Client Name:

Geocon Consultants, Inc.
3160 Gold Valley Drive Suite 800
Rancho Cordova, CA 95742
Contact: Kathlyn Ortega

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Geocon Consultants, Inc. 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.# S3037-05-01

Project: Sheffield Subdivision Phase I

Coordinates:

Latitude:	38.272644 38° 16' 22" North
Longitude:	-121.300636 -121° 18' 2" West
UTM Zone:	Zone 10 North
UTM X Meters:	648650.67
UTM Y Meters:	4237431.81
Elevation:	52.06' above sea level

Maps Provided:

2021	1947
2018	1910
2015	1894
2012	
1980	
1975	
1968	
1953	

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2025 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2021 Source Sheets



Galt
2021
7.5-minute, 24000

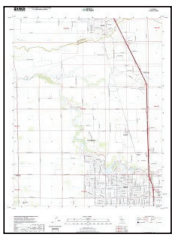


Lodi North
2021
7.5-minute, 24000

2018 Source Sheets



Galt
2018
7.5-minute, 24000

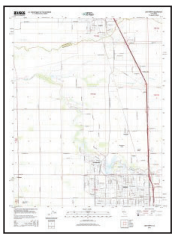


Lodi North
2018
7.5-minute, 24000

2015 Source Sheets



Galt
2015
7.5-minute, 24000



Lodi North
2015
7.5-minute, 24000

2012 Source Sheets



Galt
2012
7.5-minute, 24000



Lodi North
2012
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1980 Source Sheets



Galt
1980
7.5-minute, 24000
Aerial Photo Revised 1978

1975 Source Sheets



Galt
1975
7.5-minute, 24000
Aerial Photo Revised 1975

1968 Source Sheets

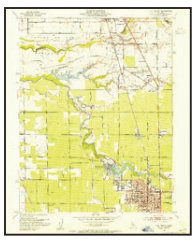


Galt
1968
7.5-minute, 24000
Aerial Photo Revised 1967



Lodi North
1968
7.5-minute, 24000
Aerial Photo Revised 1967

1953 Source Sheets



Lodi North
1953
7.5-minute, 24000
Aerial Photo Revised 1949



Galt
1953
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



GALT
1947
15-minute, 50000



LODI
1947
15-minute, 50000

1910 Source Sheets



Galt
1910
7.5-minute, 31680



Woodbridge
1910
7.5-minute, 31680

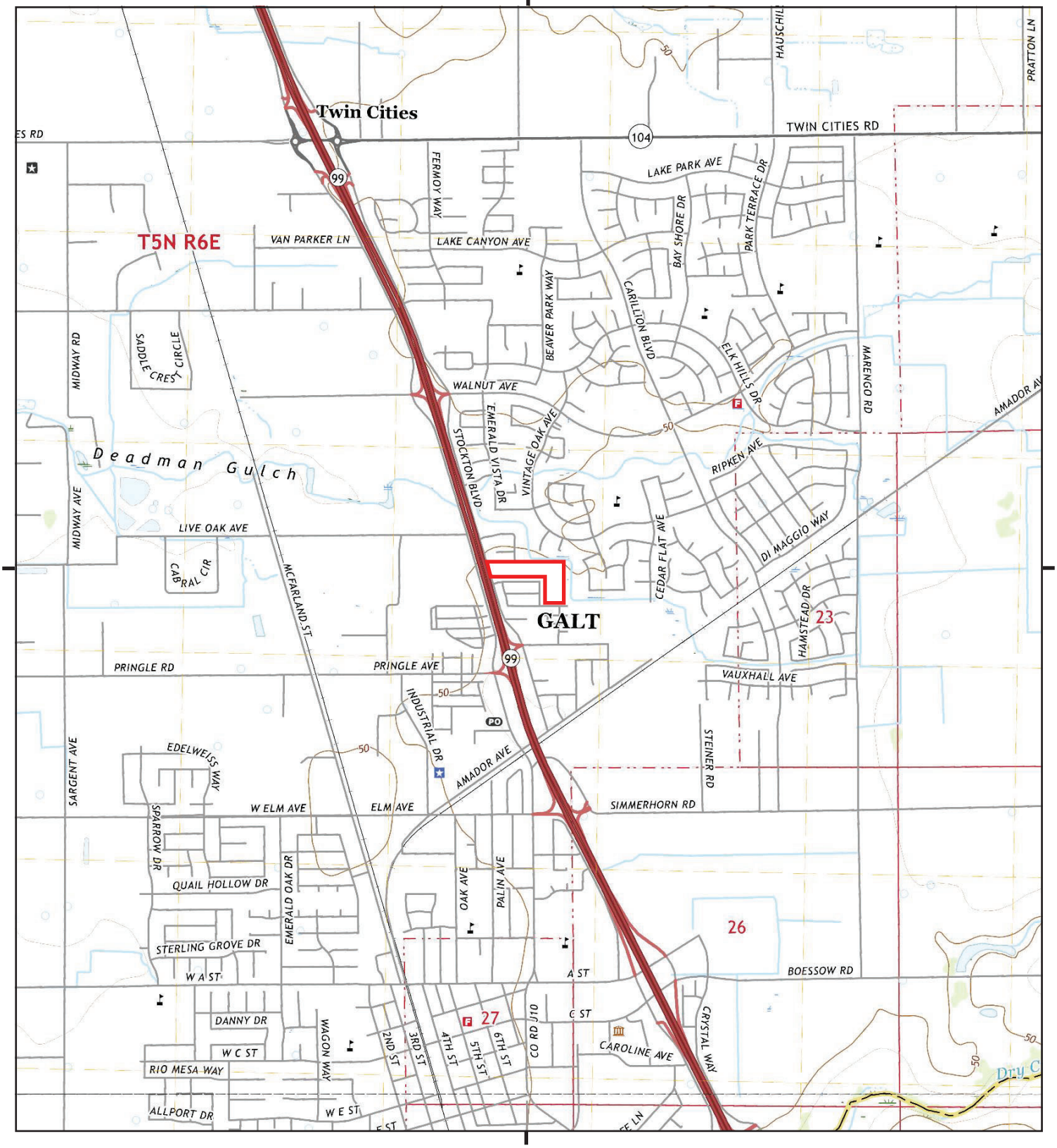
1894 Source Sheets



Lodi
1894
30-minute, 125000

Historical Topo Map

2021



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

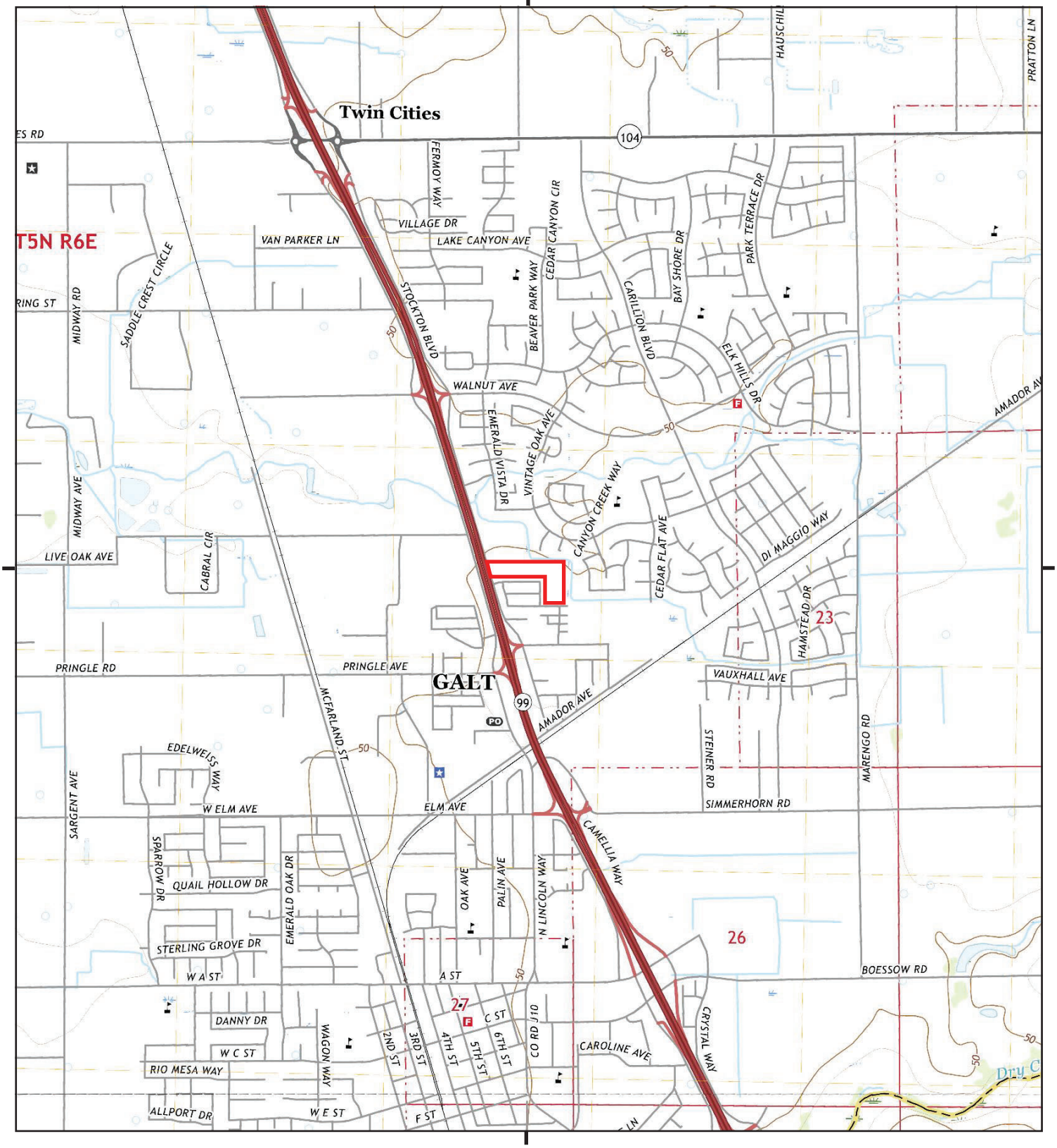
TP, Galt, 2021, 7.5-minute
S, Lodi North, 2021, 7.5-minute

SITE NAME: Sheffield Subdivision Phase I ESA
ADDRESS: 13315 East Stockton Boulevard
Galt, CA 95632
CLIENT: Geocon Consultants, Inc.

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

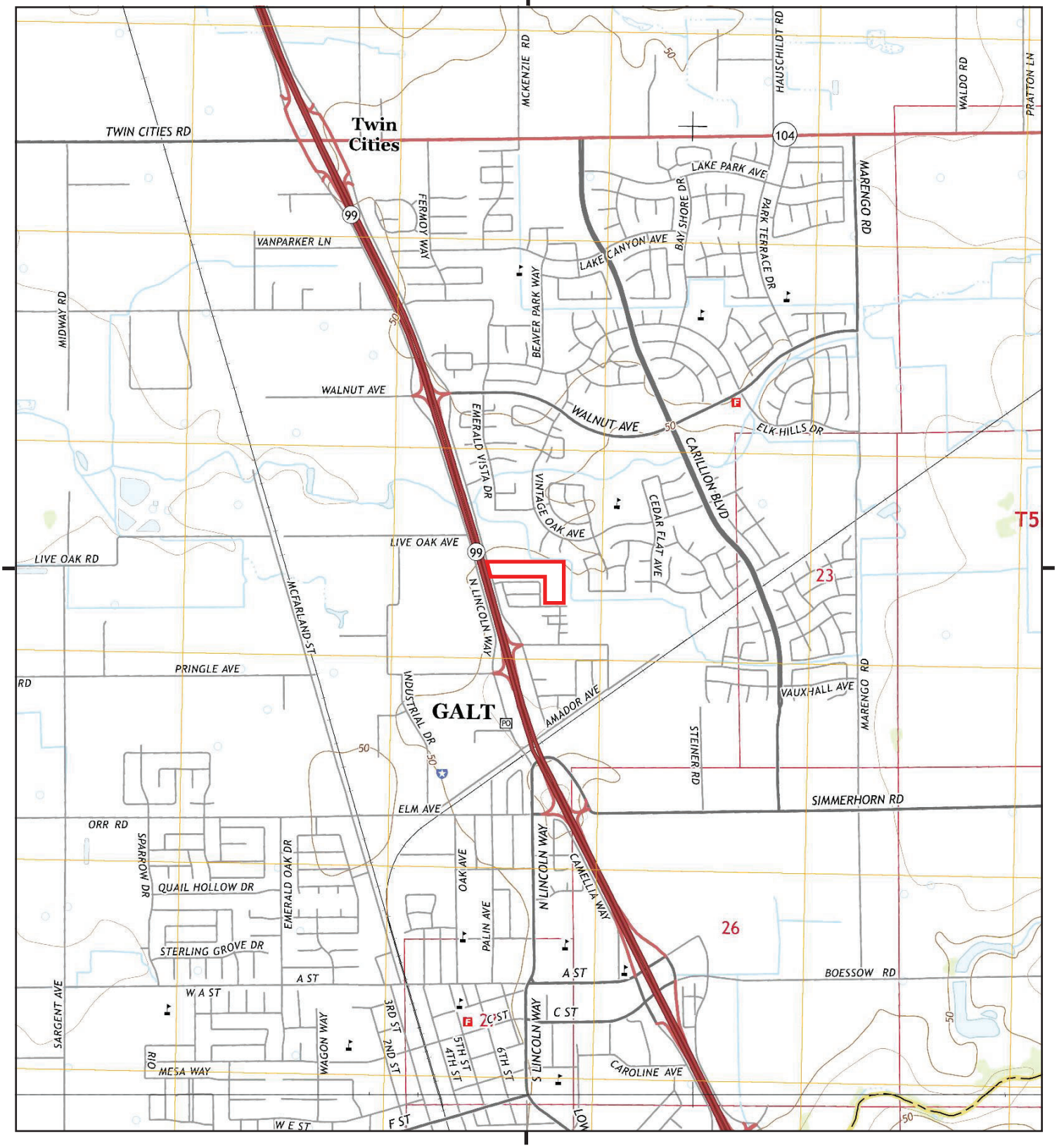
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Galt, 2018, 7.5-minute
S, Lodi North, 2018, 7.5-minute

SITE NAME: Sheffield Subdivision Phase I ESA
ADDRESS: 13315 East Stockton Boulevard
Galt, CA 95632
CLIENT: Geocon Consultants, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

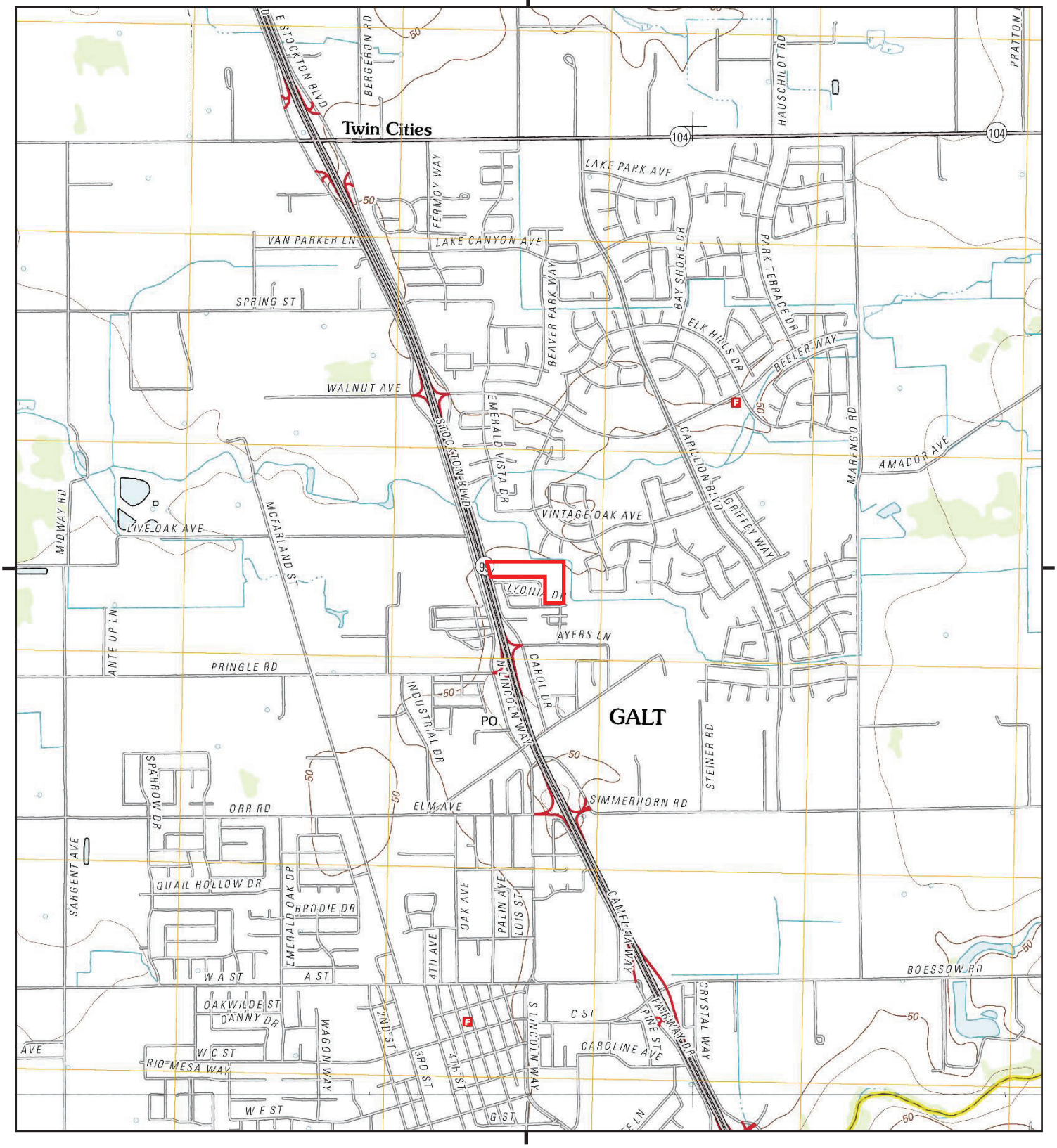
TP, Galt, 2015, 7.5-minute
S, Lodi North, 2015, 7.5-minute

SITE NAME: Sheffield Subdivision Phase I ESA
ADDRESS: 13315 East Stockton Boulevard
Galt, CA 95632
CLIENT: Geocon Consultants, Inc.

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

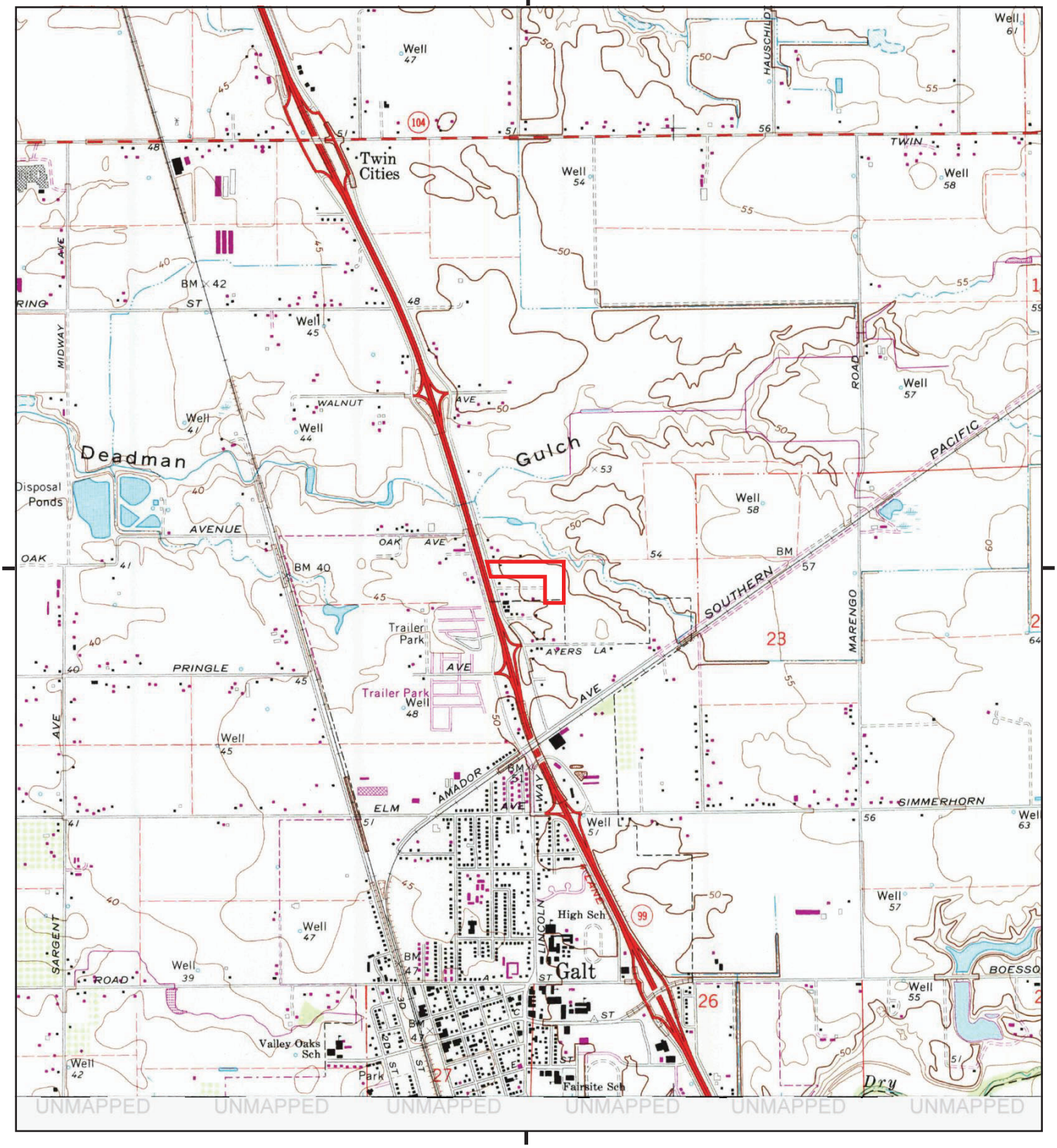
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Galt, 2012, 7.5-minute
S, Lodi North, 2012, 7.5-minute

SITE NAME: Sheffield Subdivision Phase I ESA
ADDRESS: 13315 East Stockton Boulevard
Galt, CA 95632
CLIENT: Geocon Consultants, Inc.

N



This report includes information from the following map sheet(s).

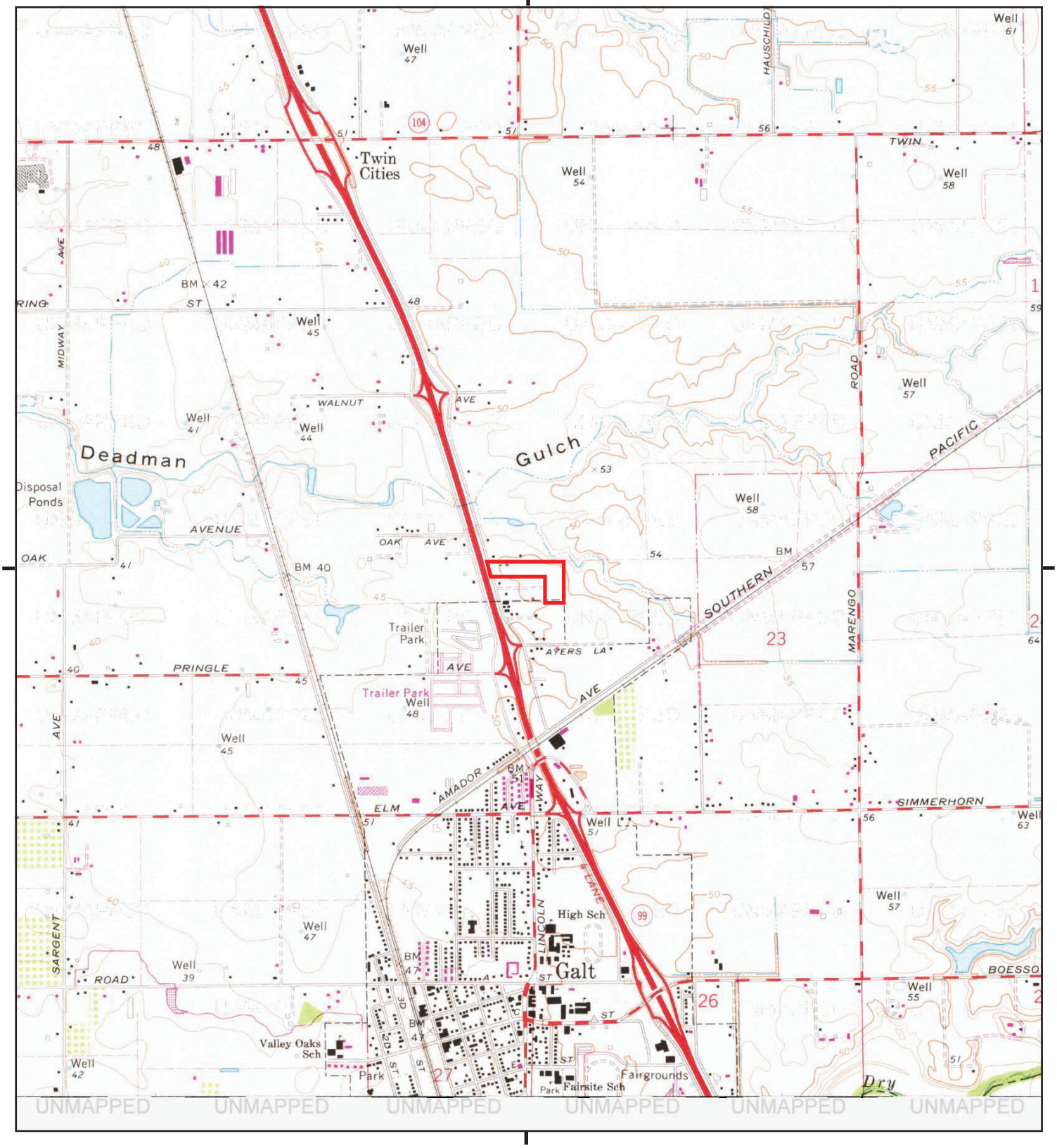
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Galt, 1980, 7.5-minute

SITE NAME: Sheffield Subdivision Phase I ESA
ADDRESS: 13315 East Stockton Boulevard
Galt, CA 95632
CLIENT: Geocon Consultants, Inc.

N



This report includes information from the following map sheet(s).

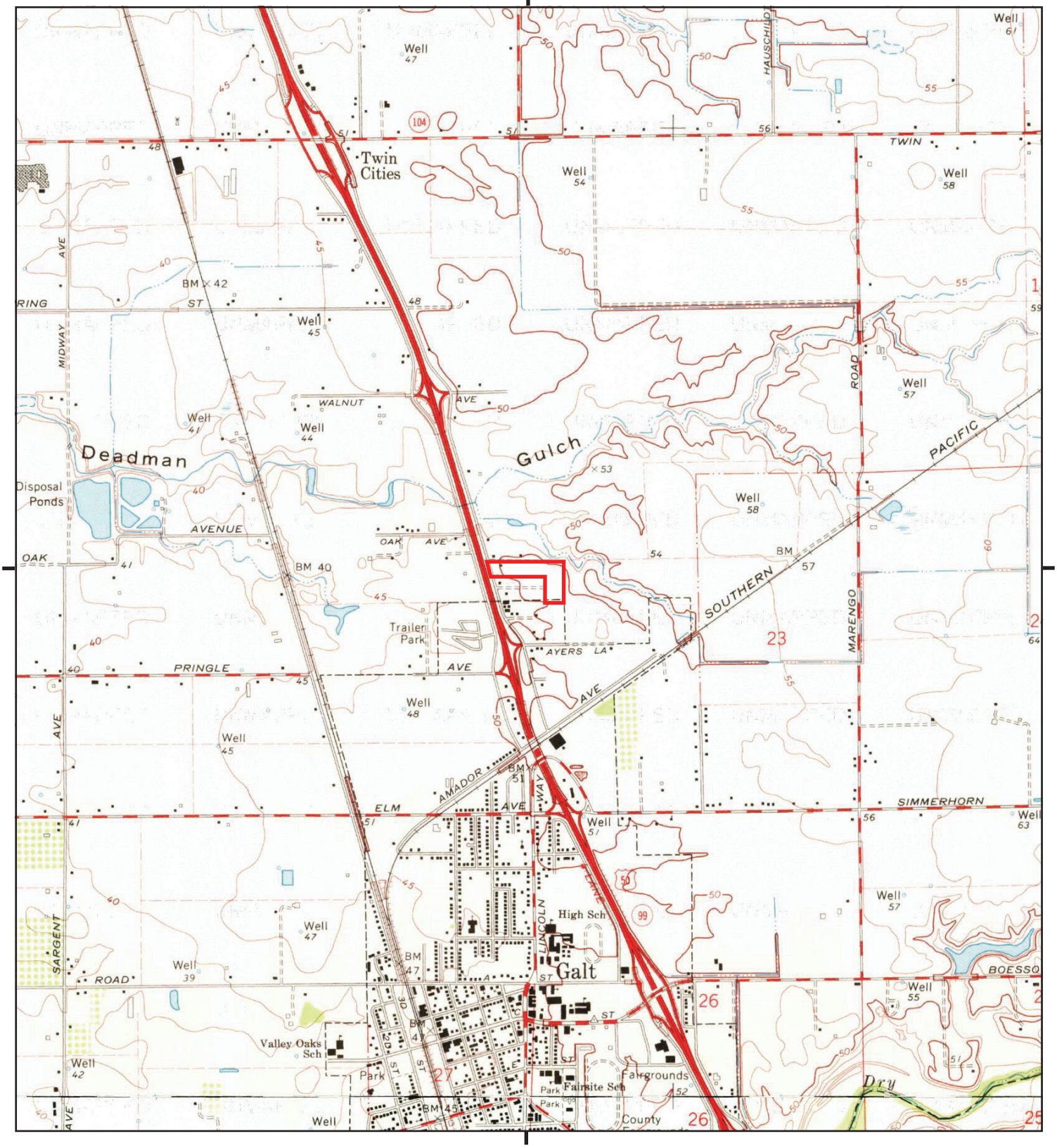
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Galt, 1975, 7.5-minute

SITE NAME: Sheffield Subdivision Phase I ESA
ADDRESS: 13315 East Stockton Boulevard
Galt, CA 95632
CLIENT: Geocon Consultants, Inc.

N



This report includes information from the following map sheet(s).

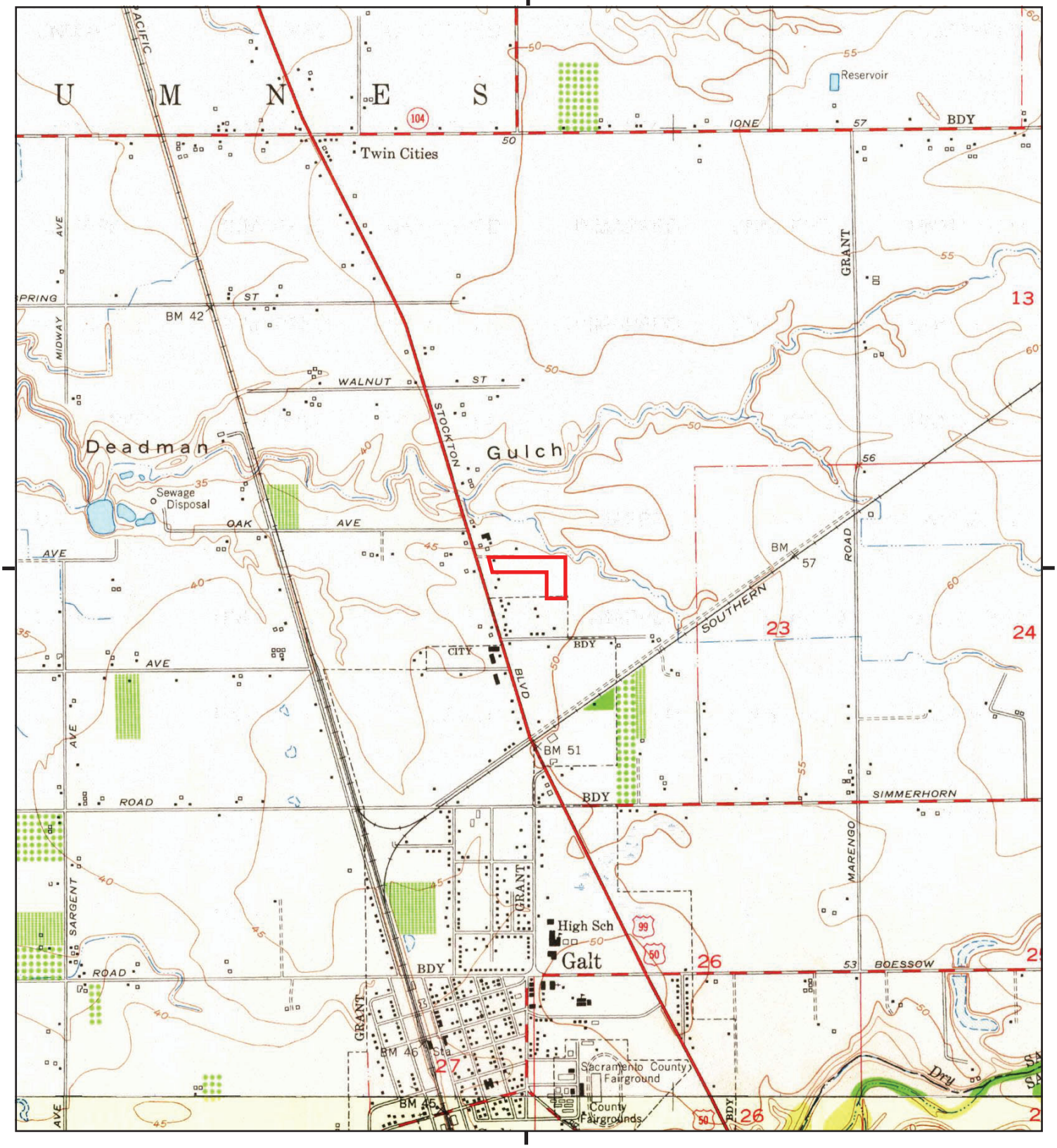
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Galt, 1968, 7.5-minute
S, Lodi North, 1968, 7.5-minute

SITE NAME: Sheffield Subdivision Phase I ESA
ADDRESS: 13315 East Stockton Boulevard
Galt, CA 95632
CLIENT: Geocon Consultants, Inc.

N



This report includes information from the following map sheet(s).

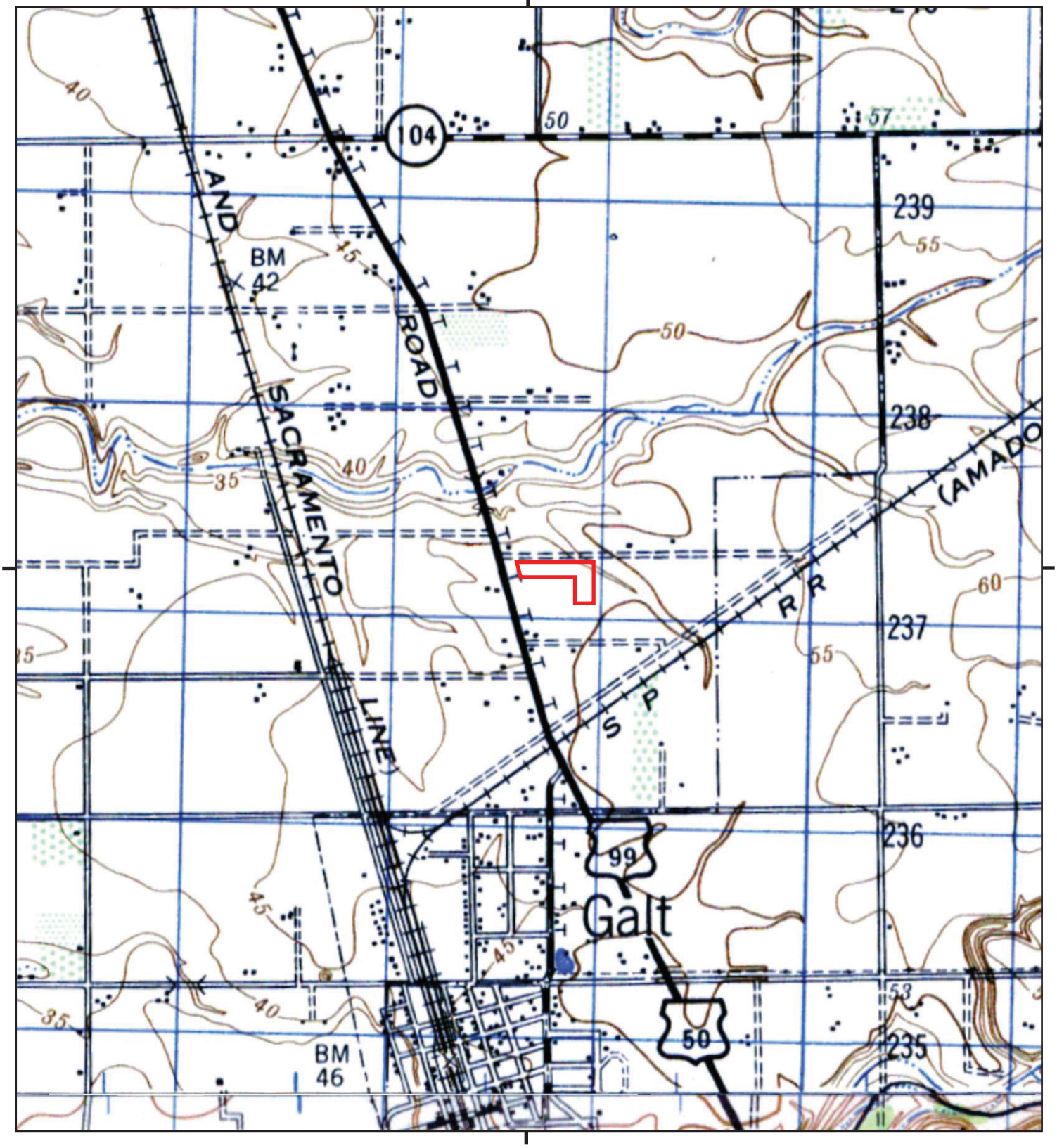
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Galt, 1953, 7.5-minute
S, Lodi North, 1953, 7.5-minute

SITE NAME: Sheffield Subdivision Phase I ESA
ADDRESS: 13315 East Stockton Boulevard
Galt, CA 95632
CLIENT: Geocon Consultants, Inc.

N



This report includes information from the following map sheet(s).

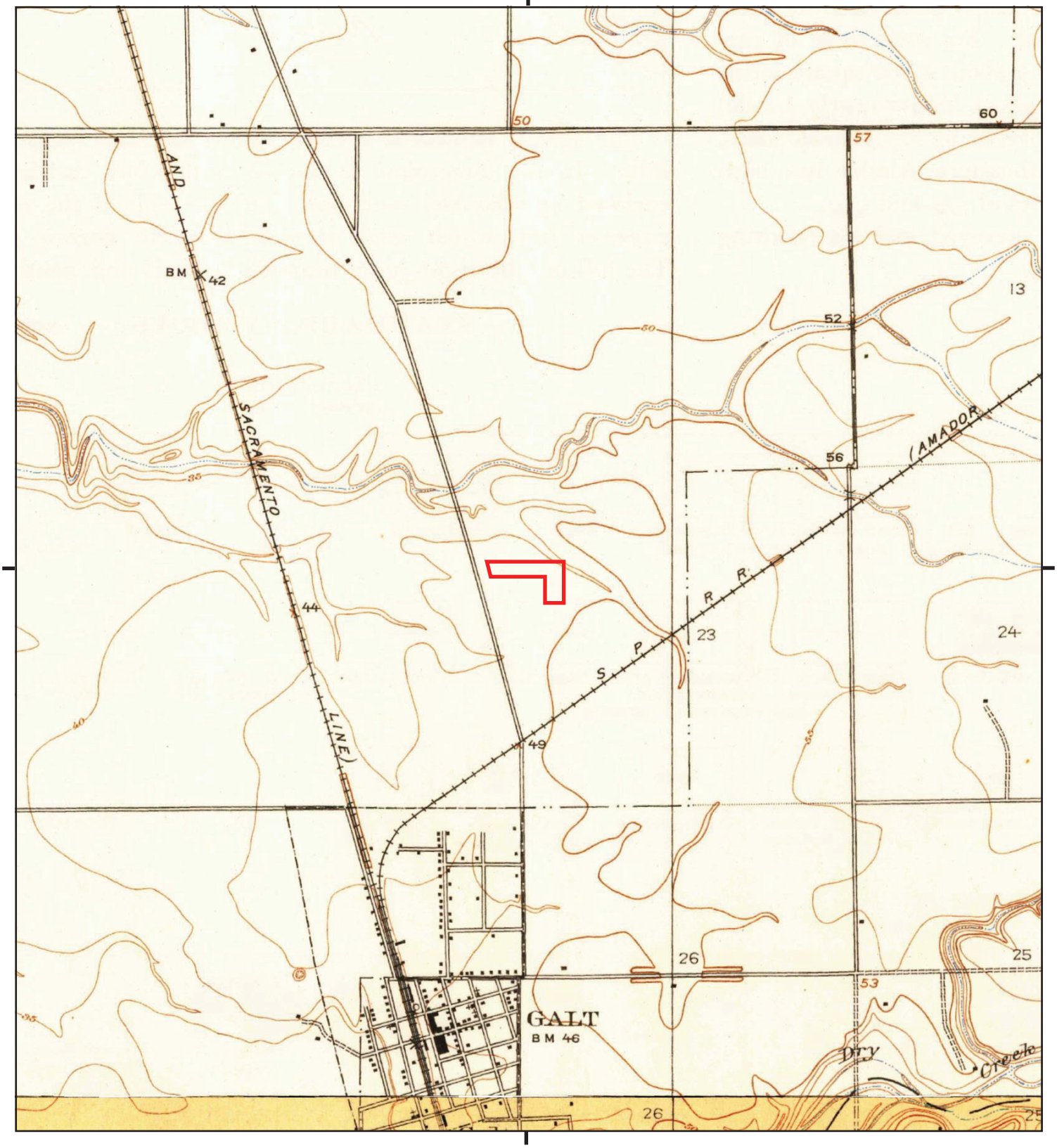
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, GALT, 1947, 15-minute
S, LODI, 1947, 15-minute

SITE NAME: Sheffield Subdivision Phase I ESA
ADDRESS: 13315 East Stockton Boulevard
Galt, CA 95632
CLIENT: Geocon Consultants, Inc.

N



This report includes information from the following map sheet(s).

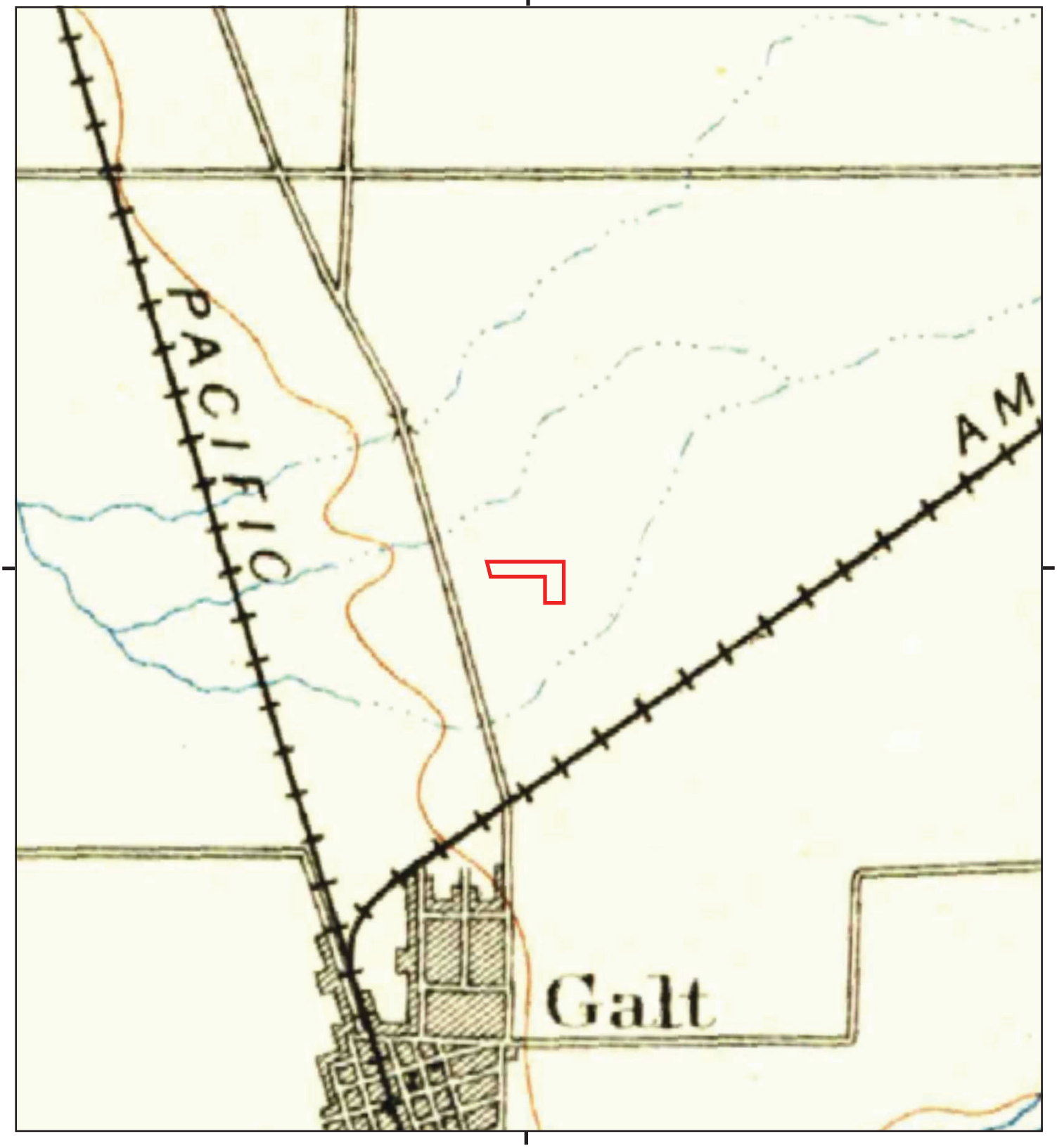
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Galt, 1910, 7.5-minute
S, Woodbridge, 1910, 7.5-minute

SITE NAME: Sheffield Subdivision Phase I ESA
ADDRESS: 13315 East Stockton Boulevard
Galt, CA 95632
CLIENT: Geocon Consultants, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Lodi, 1894, 30-minute

SITE NAME: Sheffield Subdivision Phase I ESA
ADDRESS: 13315 East Stockton Boulevard
Galt, CA 95632
CLIENT: Geocon Consultants, Inc.

N

APPENDIX F

Sheffield Subdivision Phase I ESA
13315 East Stockton Boulevard
Galt, CA 95632

Inquiry Number: 7939303.5
March 31, 2025

The EDR-City Directory Image Report

Environmental Data Resources Inc
6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2020	☑	☑	EDR Digital Archive
2017	☑	☑	Cole Information
2014	☑	☑	Cole Information
2010	☑	☑	Cole Information
2005	☑	☑	Cole Information
2000	☑	☑	Cole Information
1995	☑	☑	Cole Information
1992	☑	☑	Cole Information
1990	☑	☐	Haines Criss-Cross Directory
1986	☑	☐	Haines Criss-Cross Directory
1981	☑	☐	Haines Criss-Cross Directory
1977	☑	☐	Haines Criss-Cross Directory
1971	☑	☐	Haines Criss-Cross Directory
1968	☐	☐	Polk's City Directory
1963	☐	☐	Polk's City Directory

FINDINGS

TARGET PROPERTY STREET

13315 East Stockton Boulevard
Galt, CA 95632

Year	*CD Image*	*Source*	
E STOCKTON BLVD			
2020	pg A4	EDR Digital Archive	
2017	pg A6	Cole Information	
2014	pg A8	Cole Information	
2010	pg A10	Cole Information	
2005	pg A12	Cole Information	
2000	pg A14	Cole Information	
1995	pg A16	Cole Information	
1992	pg A18	Cole Information	
1990	pg A19	Haines Criss-Cross Directory	
1986	pg A20	Haines Criss-Cross Directory	
1981	pg A21	Haines Criss-Cross Directory	
1977	pg A22	Haines Criss-Cross Directory	
1971	pg A23	Haines Criss-Cross Directory	
1968	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
ASHBORO LN			
2020	pg. A2	EDR Digital Archive	
2017	pg. A5	Cole Information	
2014	pg. A7	Cole Information	
2010	pg. A9	Cole Information	
2005	pg. A11	Cole Information	
2000	pg. A13	Cole Information	
1995	pg. A15	Cole Information	
1992	pg. A17	Cole Information	
1990	-	Haines Criss-Cross Directory	Street not listed in Source
1986	-	Haines Criss-Cross Directory	Street not listed in Source
1981	-	Haines Criss-Cross Directory	Street not listed in Source
1977	-	Haines Criss-Cross Directory	Street not listed in Source
1971	-	Haines Criss-Cross Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

ASHBORO LN 2020

745	CHRISTINE DWYER
	MARILYN DWYER
749	GUSTAVO SANDOVAL
752	EMMA PHAM
	ERIC CLINGMAN
	GERALD LUNDBLAD
	JEANICE CLINGMAN
756	DEBRA WELLS
	JOHN WELLS
760	JFLAVIO RODRIGUEZ
	RODRIGUEZ FLAVIO
761	JAMES BURNETT
	THERESA BURNETT
764	EMANUEL GOMEZ
	ISABEL GOMEZ
	MARIA DE REGLA
768	DELIA MARTINEZ
769	KAREN JACOBSON
	KAREN VALENCIA
	MANUEL VALENCIA
772	GARY ROBBINS
	ROBBINS ROBERTA
773	JAMES SHAW
	NICOLE CLOSE
776	GUSTAVO ORTIZ
	GUSTAVO RIOS
	NORA CARRANZA
777	BARBARA JEWETT
	TERRY JEWETT
780	ANA AYALA
	JONATHAN AYALA
	MIGUEL AYALA
784	PAUL GLICKMAN
785	JOSE ABUNDIS
	JUANA PACHECO
	STEPHANIE ABUNDIS
788	SONIA TORRES
792	HALLE COPELAND
797	ANNA HERNANDEZ
	ANNA PEREZ
	RAMIRO HERNANDEZ
801	DYLAN CHANTRY
	MARK CHANTRY
	MICHELLE CHANTRY
805	HECTOR VALENZUELA-RENTERIA
	MATTHEW WHITE
	PATRICK MAZERSKI
809	BRIAN SANTOS
	SUSAN SANTOS
817	JOSE ANAYA

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

ASHBORO LN 2020 (Cont'd)

817	ROBERTA ANAYA
821	WILLIAM CHASE
825	CRYSTAL ESPARZA
	JUAN ESPARZA
	MARIA ANAYA
829	BRIANNA MCGRATH
	KASSANDRA MCGRATH
	MARY MCGRATH
833	LETICIA MUNOZ

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

E STOCKTON BLVD 2020

13119 MILON ANGER
SHIRLEY ANGER

Target Street	Cross Street	Source
-	✓	Cole Information

ASHBORO LN 2017

745	DWYER, MARILYN R
749	SANDOVAL, GUSTAVO
752	CLINGMAN, ERIC J
753	SHAH, ARIF A
756	LARSON, DAVID M
760	RODRIGUEZ, J F
761	BURNETT, JAMES A
764	JIMENEZ, TRACY M
765	TUCKER, RICHARD P
768	MARTINEZ, ALONZO
769	JACOBSON, KAREN L
772	ROBBINS, GARY L
773	SARMIENTO, HENRY
776	AGUILAR, FELIPE
777	JEWETT, TERRY G
780	AYALA, JOSE M
784	GLICKMAN, PAUL B
785	PACHECO, PATRICIA
788	TORRES, JOSE S
789	MCGAHA, JAMES E
792	COPELAND, HALLE M
797	PEREZ, ANNA V
801	CHANTRY, MARK E
805	RAMIREZ, EDWARD
817	ANAYA, ROBER D
821	CHASE, WILLIAM
825	ESPARZA, JUAN A
829	MCGRATH, KACIE
833	MUNOZ, DANIEL B

Target Street	Cross Street	Source
✓	-	Cole Information

E STOCKTON BLVD 2017

13119 ANGER, MILON C
13315 PETERS, GINGER

Target Street	Cross Street	Source
-	✓	Cole Information

ASHBORO LN 2014

741	OCCUPANT UNKNOWN,
745	DWYER, MARILYN R
749	SANDOVAL, GUSTAVO
752	CLINGMAN, ERIC J
753	SHAH, ARIF A
756	LARSON, DAVID M
757	OCCUPANT UNKNOWN,
760	SMITH, JUSTIN D
761	BURNETT, JAMES A
764	DEREGLA, MARIA C
765	HEMENOVER, JAY A
768	MARTINEZ, DELIA
769	VALENCIA, KAREN L
772	ROBBINS, GARY L
773	BROWN, LANCE D
776	ORTIZ, GUSTAVO R
777	JEWETT, TERRY G
780	AYALA, JOSE M
781	OCCUPANT UNKNOWN,
784	GLICKMAN, PAUL B
785	PACHECO, PATRICIA
788	TORRES, JOSE S
789	SHROPSHIRE, DANIEL
792	COPELAND, HALLE M
797	OCCUPANT UNKNOWN,
801	CHANTRY, MARK E
805	HINOJOSA, JOSE L
809	HOLMES, GARY L
813	OCCUPANT UNKNOWN,
817	ANAYA, ROBER D
821	LOPEZ, NICOLE
825	ESPARZA, JUAN A
829	MCGRATH, JOE L
833	MUNOZ, DANIEL B

Target Street	Cross Street	Source
✓	-	Cole Information

E STOCKTON BLVD 2014

13119 ANGER, MILON C
13315 GARDNER, BRUCE

Target Street	Cross Street	Source
-	✓	Cole Information

ASHBORO LN 2010

741	MELENDREZ, ALBERTO A
745	DWYER, MARILYN R
749	SANDOVAL, GUSTAVO
752	FERNANDES, IZABEL M
753	SHAH, ARIF
756	OCCUPANT UNKNOWN,
757	CHAVEZ, MARTIN
760	AQUINO, LAURA
761	BURNETT, JAMES E
764	GOMEZ, EMANUEL
765	GONZALEZ, ELIZABETH
768	MARTINEZ, DELIA
769	VALENCIA, MANUEL E
772	ROBBINS, GARY L
773	BRAND, LARRY
776	CARRANZA, NORA
777	DEBELLA, JACK V
780	AYALA, MIGUEL C
781	SALIM, SHABANA
784	GLICKMAN, PAUL B
785	BULFEDA, JOSE A
788	TORRES, JOSE S
789	SHROPSHIRE, DANIEL
792	GUTIERREZ, ISMAEL
797	HERNANDEZ, RAMIRO
801	CHANTRY, MARK E
805	SALAZAR, MOISES
809	SWINNEY, DENNIS J
813	JAIME, MARIA A
817	ANAYA, ROBER D
821	CHASE, WILLIAM
825	ESPARZA, JUAN A
829	GOMEZ, EDUARDO E
833	MUNOZ, LETICIA O

Target Street	Cross Street	Source
✓	-	Cole Information

E STOCKTON BLVD 2010

13119 ANGER, MILON C
13315 PETERS, GINGER

Target Street	Cross Street	Source
-	✓	Cole Information

ASHBORO LN 2005

741	YOST, PAUL R
745	DWYER, MARILYN R
749	ALBOR, CARMEN
753	MAGDALENO, SAMANTHA I
756	LARSON, DAVID M
757	FORSYTHE, KEVIN J
760	A J B INVESTIGATIONS
	AJB INVESTIGATIONS
	ALLAN, CHERYL L
761	BURNETT, JAMES E
764	MARTINEZ, LYNN M
765	GONZALEZ, IGNACIO
768	GOMEZ, JOHN R
769	MANSILLA, ERNESTO
772	ROBBINS, GARY L
773	HUGHES, DANIEL R
776	RIVAS, JOSE M
777	DEBELLA, JACK V
780	AYALA, MIGUEL C
784	GLICKMAN, PAUL B
785	ABUNDIS, JOSE
788	TORRES, JOSE S
789	CATES, MIKE
792	GRIBAUDO, BRIAN K
793	CORY, KELLEY
797	HERNANDEZ, RAMIRO
801	CHANTRY DENTAL LAB
	CHANTRY, MARK E
805	VALENZUELA-RENTERIA, HECTOR
809	SWINNEY, DENNIS J
817	ANAYA, ROBER D
821	CRABLE, SHAWN
825	ESPARZA, JUAN A
829	FLORES, ARISTEO H
833	MUNOZ, DANIEL

Target Street	Cross Street	Source
✓	-	Cole Information

E STOCKTON BLVD 2005

12821 AHLUWALIA, CHATTARPAL S
INDO US FILM PRODUCTION

Target Street	Cross Street	Source
-	✓	Cole Information

ASHBORO LN 2000

749	ALBOR, C R
752	NUNES, IZABEL
756	PUGH, WILLIAM D
757	FORSYTHE, K
760	KING, TERESA L
761	OCCUPANT UNKNOWN,
764	JIMENEZ, ALDO A
765	OCCUPANT UNKNOWN,
768	STRONG, J D
769	WEDEL, RUSSELL D
772	ROBBINS, GARY L
773	HUGHES, DANIEL R
776	OCCUPANT UNKNOWN,
777	DEBELLA, GASPER
780	AYALA, MIGUEL A
781	CONTRERAS, RUDY
784	OCCUPANT UNKNOWN,
785	SLUDER, MICHAEL R
788	TORRES, JOSE S
789	LAI, HUNG Y
792	GRIBAUDO, BRIAN K
793	BARBEE, GARY
797	GARCIA, JOHN A
801	CHANTRY, MARK
805	HARRIS, JOSEPH M
809	SANTOS, BRIAN H
813	OCCUPANT UNKNOWN,
817	ANAYA, JOSE L

Target Street	Cross Street	Source
✓	-	Cole Information

E STOCKTON BLVD 2000

12755 PERSONAL TOUCH GLASS

Target Street	Cross Street	Source
-	✓	Cole Information

ASHBORO LN 1995

741	TYSINGER, JANEY
745	DWYER, MARILYN
749	SEEBA, ERIN
752	NUNES, IZABEL
753	OCCUPANT UNKNOWNN
756	OCCUPANT UNKNOWNN
757	FORSYTHE, KEVIN
760	BECHTHOLD, ERIC
761	LANE, ROBERT P
764	JIMENEZ, ALDO A
765	OCCUPANT UNKNOWNN
768	SUEKUT, HARRY
769	WEDEL, RUSSELL
772	ROBBINS, GARY L
773	OCCUPANT UNKNOWNN
776	THIM, PHATH
777	OCCUPANT UNKNOWNN
780	AYALA, MIGUEL A
781	OCCUPANT UNKNOWNN
784	BENTHALL, ALISON L
785	SLUDER, MICHAEL R
788	OCCUPANT UNKNOWNN
789	LAI, HUNGYI
792	AVEY, RICHARD W
793	BEEZLEY, JIM
797	DIDOMENICO, STEVEN
801	CHANTRY, M
805	ESTRADA, ARMANDO

Target Street	Cross Street	Source
✓	-	Cole Information

E STOCKTON BLVD 1995

12771 ROYER WELDING & MAINTENANCE

Target Street	Cross Street	Source
-	✓	Cole Information

ASHBORO LN 1992

769 WEDEL, RUSSELL

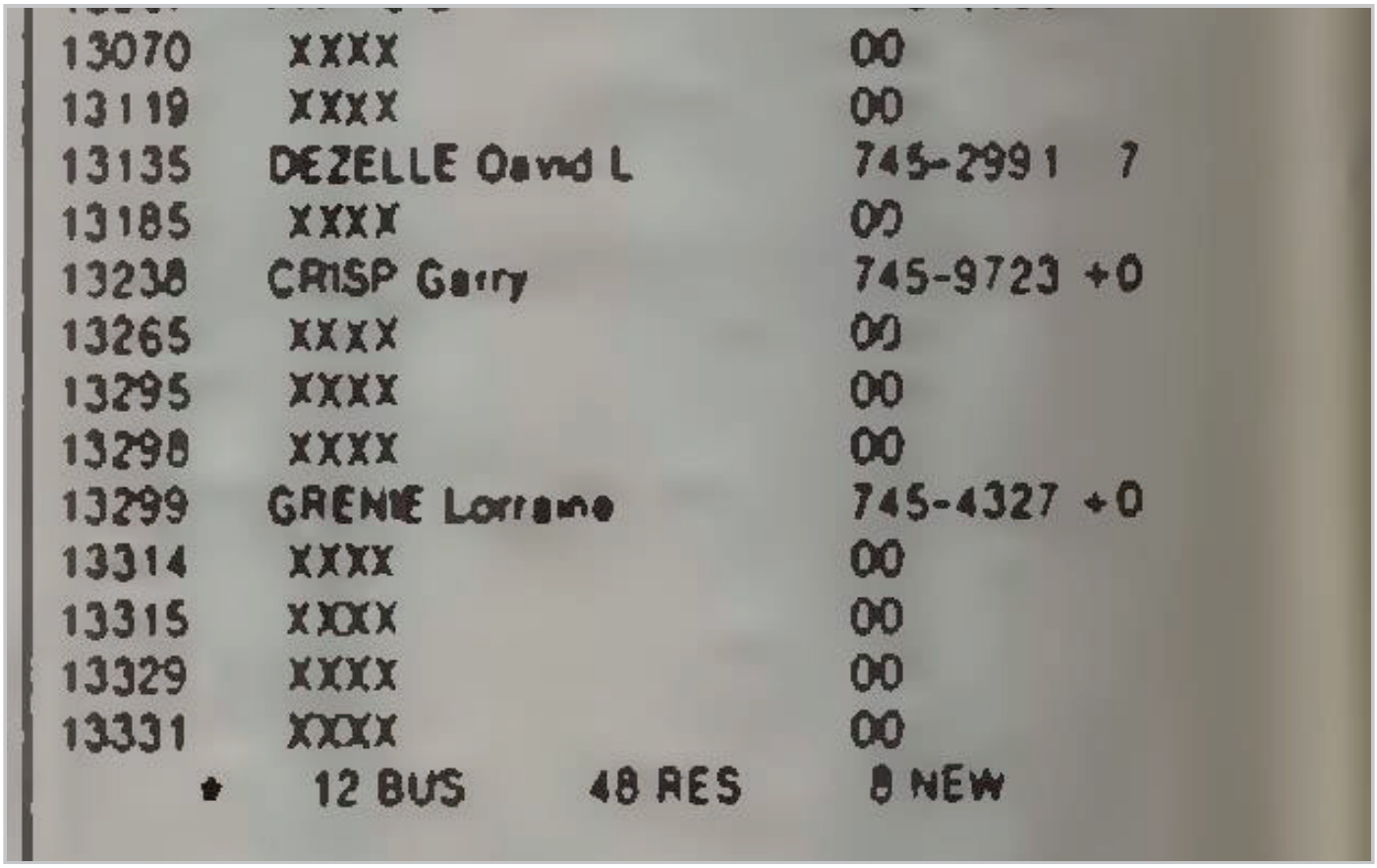
Target Street	Cross Street	Source
✓	-	Cole Information

E STOCKTON BLVD 1992

12495 CATTLEMENS LIVESTCK

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

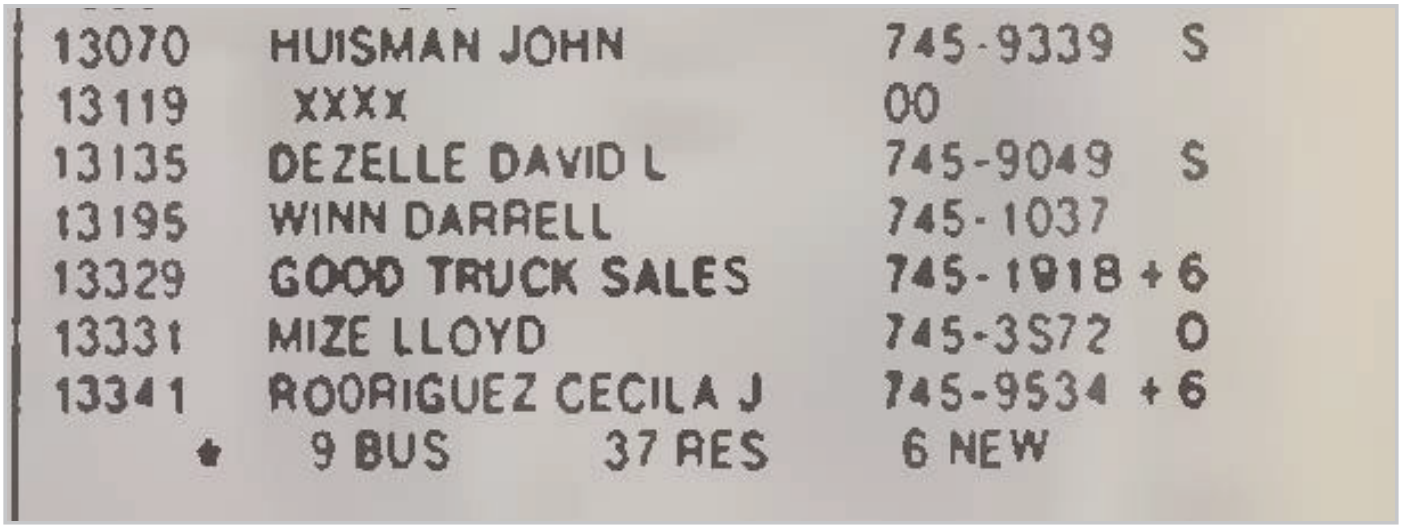
E STOCKTON BLVD 1990



13070	XXXX		00
13119	XXXX		00
13135	DEZELLE David L	745-2991	7
13185	XXXX		00
13238	CRISP Garry	745-9723	+0
13265	XXXX		00
13295	XXXX		00
13298	XXXX		00
13299	GRENE Lorrane	745-4327	+0
13314	XXXX		00
13315	XXXX		00
13329	XXXX		00
13331	XXXX		00
*	12 BUS	48 RES	8 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

E STOCKTON BLVD 1986



13070	HUISMAN JOHN	745-9339	S
13119	XXXX	00	
13135	DEZELLE DAVID L	745-9049	S
13195	WINN DARRELL	745-1037	
13329	GOOD TRUCK SALES	745-1918	+6
13331	MIZE LLOYD	745-3572	O
13341	RODRIGUEZ CECILA J	745-9534	+6
*	9 BUS 37 RES	6 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

E STOCKTON BLVD 1981

13070	XXXX	00	
13119	XXXX	00	
13135	OSBORN FLOYO	745-2234	4
13195	WINN OARRELL	745-1037	4
13265	XXXX	00	
13298	XXXX	00	
13299	RANNALS OWAINE	745-2584	5
	RANNALS JUOY	745-3924	9
13314	XXXX	00	
13315	KYLE MARVIN	745-3801	7
13329	XXXX	00	
13331	MIZE LLOYD	745-3572	0
13341	LANOERS WM O	745-4885	0
★	7 BUS 43 RES	0 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

E STOCKTON BLVD 1977

13070	BURDICK N S	745-3347+7
13119	XXXX	OO
13135	*OSBORN FLOYD	745-2234 4
13195	WINN DARRELL	745-1037 4
13295	JOHNSON T H	745-1671 4
	MEDEIROS MARY K	745-3798+7
	REA DIANA	745-3972+7
13298	XXXX	OO
13299	RANNALS DWAINE	745-2584 5
13315	KYLE MARVIN	745-3801+7
13329	XXXX	OO
13331	*IMPERIAL CHAIR&OIVN	745-1102 4
	ROSE WALTER C	745-1102 4
13341	LANDERS WM D	745-1047 4
	*PIT STOP THE	745-1047+7
	* 9 BUS 42 RES 12 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

E STOCKTON BLVD 1971

STOCKTON BLVD 95632 GALT

13298*VALLEY DRILLING CO 745-2132

ND # PASSALIS TED L 745-2062

* 1 8US 1 RES

APPENDIX G

Site Owner/Occupant Questionnaire

The following questions are for: (1) the current owner of the property, (2) any major occupant of the property or, if the property does not have any major occupants, at least 10% of the occupants of the property, and (3) in addition to the current owner and the occupants identified in (2), any occupant likely to be using, treating, generating, storing, or disposing of hazardous substances and/or petroleum products on or from the property. A major occupant is any occupant using at least 40% of the leasable area of the property or any anchor tenant when the property is a shopping center. In a multi-family property containing both residential and commercial uses, residential occupants do not need to respond to this questionnaire unless they are involved in or have knowledge of the commercial or other uses.

Address:
Description of Site: 13315 E STOCKTON ST. GALT CA 95632

Question	Owner			Occupants (if applicable)		
1a. Is the property used for an industrial use?	Yes	(No)	Unk	Yes	No	Unk
Explain if yes:						
1b. Is any adjoining property used for an industrial use?	Yes	(No)	Unk	Yes	No	Unk
Explain if yes:						
2a. Have you observed evidence of or do you have any knowledge that the property has been used for an industrial use in the past?	Yes	(No)	Unk	Yes	No	Unk
Explain if yes:						
2b. Have you observed evidence of or do you have any knowledge that any adjoining property has been used for an industrial use in the past?	Yes	(No)	Unk	Yes	No	Unk
Explain if yes:						
3a. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	(No)	Unk	Yes	No	Unk
Explain if yes:						
3b. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	(No)	Unk	Yes	No	Unk
Explain if yes:						

Question	Owner			Occupants (if applicable)		
4a. Have you observed evidence of or do you have any knowledge that the property was previously used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	(No)	Unk	Yes	No	Unk
Explain if yes:						
4b. Have you observed evidence of or do you have any knowledge that any adjoining property was previously used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	(No)	Unk	Yes	No	Unk
Explain if yes:						
5a. Are there currently any damaged or discarded automotive or industrial batteries, petroleum products, pesticides, paints or other chemicals in individual containers of > 5gal (19L) in volume or 50gal (190L) in the aggregate, stored on or used at the property or facility?	Yes	(No)	Unk	Yes	No	Unk
Explain if yes:						
5b. Have you observed evidence of or do you have any knowledge that there have been previously any damaged or discarded automotive or industrial batteries, petroleum products, pesticides, paints or other chemicals in individual containers of > 5gal (19L) in volume or 50gal (190L) in the aggregate, stored on or used at the property or facility?	Yes	(No)	Unk	Yes	No	Unk
Explain if yes:						
6a. Are there currently any industrial drums (typically 55 gal [208L]) or sacks of chemicals located on the property or at the facility?	Yes	(No)	Unk	Yes	No	Unk
Explain if yes:						
6b. Have you observed evidence of or do you have any knowledge that there have been previously any industrial drums (typically 55 gal [208L]) or sacks of chemicals located on the property or at the facility?	Yes	(No)	Unk	Yes	No	Unk
Explain if yes:						
7a. Have you observed evidence of or do you have any knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	Yes	(No)	Unk	Yes	No	Unk
Explain if yes:						

7b. Have you observed evidence of or do you have any knowledge that fill dirt has been brought onto the property that is of an unknown origin?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
8a. Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or disposal?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
8b. Have you observed evidence of or do you have any knowledge that there have been previously any pits, ponds, or lagoons located on the property in connection with waste treatment or disposal?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
9a. Is there currently any stained soil on the property?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
9b. Have you observed evidence of or do you have any knowledge that there has been previously any stained soil on the property?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
10a. Are there currently any registered or unregistered storage tanks (aboveground or underground) located on the property?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
10b. Have you observed evidence of or do you have any knowledge that there have been previously any registered or unregistered storage tanks (aboveground or underground) located on the property?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
11a. Are there currently any vent pipe, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
11b. Have you observed evidence of or do you have any knowledge that there have been previously any vent pipe, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						

12a. Are there currently any flooring, drains, or walls located within the facility that are stained by substances other than water or were emitting foul odors?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
12b. Have you observed evidence of or do you have any knowledge that there have been previously any flooring, drains, or walls located within the facility that are stained by substances other than water or were emitting foul odors?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
13a. If the property is served by a private well or non-public water system, is there evidence of or do you have knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
13b. If the property is served by a private well or non-public water system, is there evidence of or do you have knowledge that the well has been designated as contaminated by any government/health agency?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
14. Do you have any knowledge of environmental liens of governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
15a. Have you been informed of the past existence of hazardous substances and/or petroleum products with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
15b. Have you been informed of the current existence of hazardous substances and/or petroleum products with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
15c. Have you been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
15d. Have you been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
16. Do you have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances and/or petroleum products on, or contamination of, the property or recommended further assessment of the property?	Yes	No	Unk	Yes	No	Unk

Explain if yes:						
17. Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substances and/or petroleum products involving the property by any owner or occupant of the property?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
18a. Does the property discharge wastewater, on or adjacent to the property, other than stormwater, into a stormwater sewer system?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
18b. Does the property discharge wastewater, on or adjacent to the property, other than stormwater, into a sanitary sewer system?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
19. Have you observed evidence of or do you have any knowledge that any hazardous substances and/or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are records indicating the presence of PCBs?	Yes	No	Unk	Yes	No	Unk
Explain if yes:						

Unk – "unknown" or "no response"

Additional Questions

A) Describe the current use of the property. VACATE HOUSE AND LAND

B) How long has the property been used for this purpose? 2 PLUS YEARS

C) How long have you owned the property? 43 FOR THE HOUSE.

D) List the existing structures on the property and their age. BUILT IN 1950 APPROX

E) Describe the past uses, owners, and operators of the property. (Be as detailed as possible and note approximate time periods.) RENTAL FOR LOST LAST 47 YEARS

F) Do any environmental documents exist for the Site such as environmental site assessment reports, environmental compliance audit reports, environmental permits, registrations for storage tank or any other environmentally related documents for the property? NO

This questionnaire was completed by:

Name: RICHARD SHEFFIELD
Title: OWNER
Company:
Address: 1224 CHIANTI DR
LODI CA 95240
Phone number:
Date:

Appendix F

Environmental Noise Assessment

Environmental Noise Assessment

Sheffield Subdivision CEQA

City of Galt, California

May 20, 2025

Project #250404

Prepared for:

Raney Planning & Management
1501 Sports Drive, Suite A
Sacramento, CA 95834

Prepared by:

Saxelby Acoustics LLC





Luke Saxelby, INCE Bd. Cert.
Principal Consultant
Board Certified, Institute of Noise Control Engineering (INCE)

(916) 760-8821
www.SaxNoise.com | Luke@SaxNoise.com
915 Highland Pointe Drive, Suite 250
Roseville, CA 95678

Table of Contents

INTRODUCTION **3**

ENVIRONMENTAL SETTING **3**

Background Information on Noise *3*

EXISTING AND FUTURE NOISE AND VIBRATION ENVIRONMENTS **7**

Existing Noise Receptors *7*

Existing General Ambient Noise Levels *7*

FUTURE TRAFFIC NOISE ENVIRONMENT AT OFF-SITE RECEPTORS **8**

Off-Site Traffic Noise Impact Assessment Methodology *8*

EVALUATION OF FUTURE TRANSPORTATION NOISE ON PROJECT SITE **9**

CONSTRUCTION NOISE ENVIRONMENT **11**

CONSTRUCTION VIBRATION ENVIRONMENT **15**

REGULATORY CONTEXT **16**

Federal *16*

State *16*

Local *16*

Criteria for Acceptable Vibration *19*

IMPACTS AND MITIGATION MEASURES **20**

Thresholds of Significance *20*

Project-Specific Impacts and Mitigation Measures *22*

REFERENCES **31**

Appendices

Appendix A: Acoustical Terminology
Appendix B: Field Noise Measurement Data
Appendix C: Interior Noise Calculations

List of Figures

Figure 1: Site Plan 4
Figure 2: Noise Measurement Sites 5
Figure 3: Future Transportation Noise Levels on Project Site, dBA L_{dn} 10
Figure 4: Construction Noise Levels, dBA L_{eq} 14
Figure 5: Construction Noise Contours with Barriers, dBA L_{eq} 24
Figure 6: Future Transportation Noise with walls, dBA L_{dn} 26
Figure 7: Interior Noise Control Measures 28

List of Tables

Table 1: Typical Noise Levels 6
Table 2: Summary of Existing Background Noise Measurement Data 8
Table 3: Project-Related Traffic Noise Level Increases 9
Table 4: Construction Equipment Noise Levels 12
Table 5: Vibration Levels for Various Construction Equipment 15
Table 6: Noise Level Standards for Non-Transportation 16
Table 7: Land Use Compatibility Table 18
Table 8: Effects of Vibration on People and Buildings 20
Table 9: Significance of Changes in Noise Exposure 21
Table 10: Construction Noise Level Increases 23
Table 11: Construction Noise Level Increases 25

INTRODUCTION

The Sheffield Subdivision project consists of the development of a 73-lot single-family subdivision. The project is located north of Lyonia Dr. in the City of Galt, California. The project is bordered by SR 99 to the west of the project.

Figure 1 shows the project site plan. **Figure 2** shows an aerial photo of the project site.

ENVIRONMENTAL SETTING

BACKGROUND INFORMATION ON NOISE

Fundamentals of Acoustics

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

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

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

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

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

CONCEPTUAL SITE PLAN

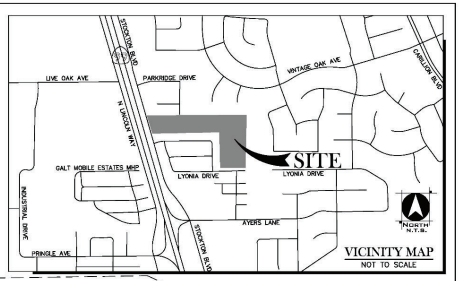
SHEFFIELD SUBDIVISION

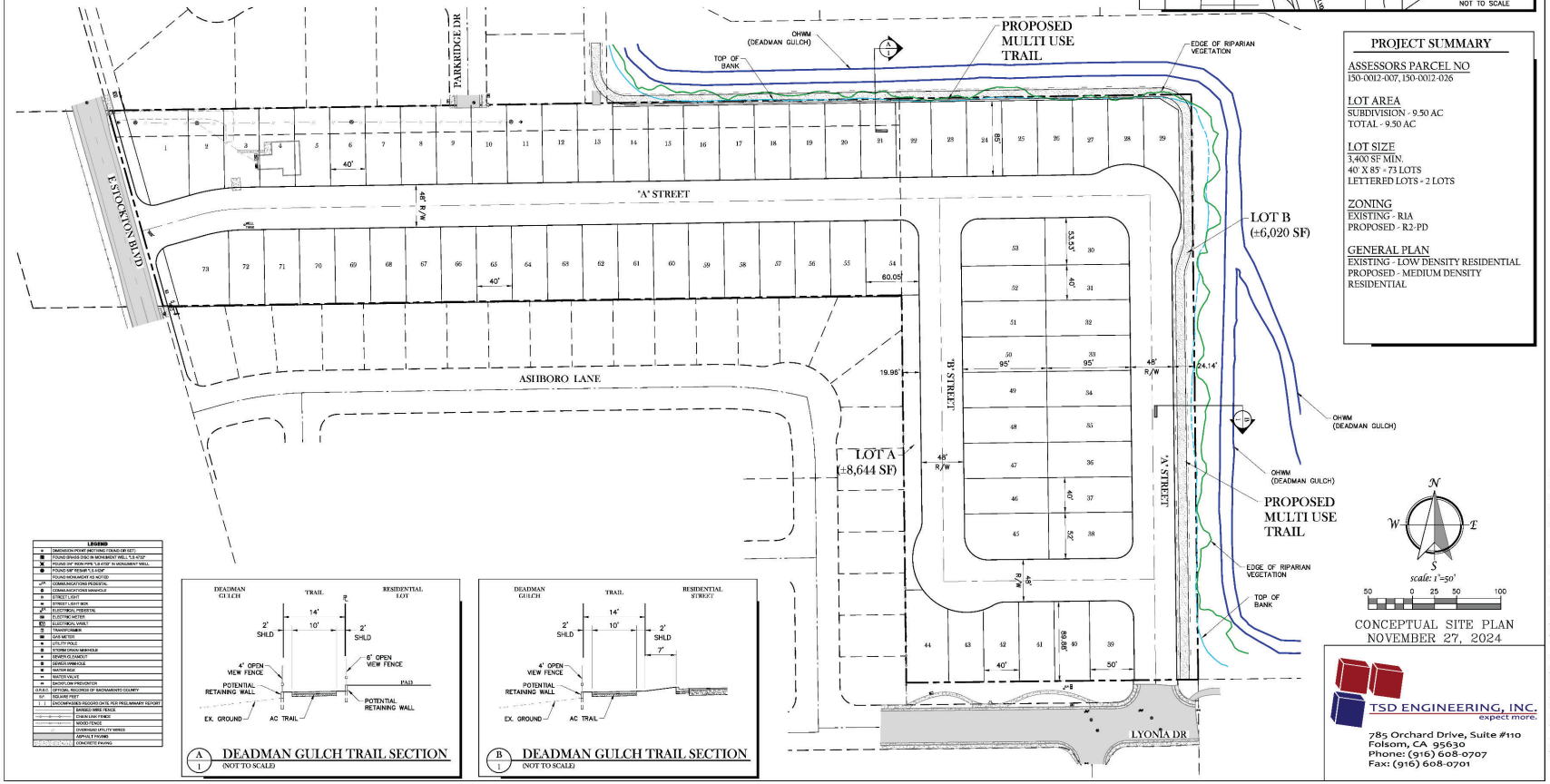
40'X85'

GALT, CA

ZONING DEVELOPMENT STANDARDS								
ZONE	MAX. LOT COVERAGE	MIN. LOT SIZE	MIN. STREET FRONTAGE	MINIMUM REQUIRED YARD SETBACKS				MAX. BUILDING HEIGHT
				FRONT	SIDE	ST. SIDE	REAR	
R2-PD*	0.60*	SINGLE-FAMILY DWELLING: 3,400 S.F.*	40'*	20' FG 15' LS	5'	12.5'	10'	30'

FG – FACE OF GARAGE
LS – LIVABLE SPACE





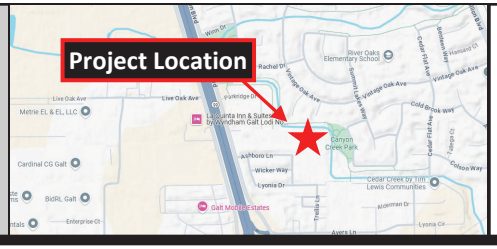
TSD ENGINEERING, INC.
expect more.
785 Orchard Drive, Suite #110
Folsom, CA 95630
Phone: (916) 608-0707
Fax: (916) 608-0701

Sheffield Subdivision CEQA

City of Galt, California

Figure 1

Project Site Plan



SAXELBY ACOUSTICS
Acoustics · Noise · Vibration



Sheffield Subdivision CEQA

City of Galt, California

Figure 2

Noise Measurement Sites

Legend

Project Site

Noise Measurement Site - Long-Term

25 m 75 m 125 m 175 m

Projection: UTM Zone 10 / WGS84 / meters
Rev. Date: 04/24/2025

SAXELBY ACOUSTICS
Acoustics · Noise · Vibration

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

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

Table 1 lists several examples of the noise levels associated with common situations. **Appendix A** provides a summary of acoustical terms used in this report.

TABLE 1: TYPICAL NOISE LEVELS

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

Source: Caltrans, Technical Noise Supplement, Traffic Noise Analysis Protocol. September, 2013.

Effects of Noise on People

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

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

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

Thus, an important way of predicting a human reaction to a new noise environment is the way it compares to the existing environment to which one has adapted: the so-called ambient noise level. In general, the more a new noise exceeds the previously existing ambient noise level, the less acceptable the new noise will be judged by those hearing it.

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

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

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

EXISTING AND FUTURE NOISE AND VIBRATION ENVIRONMENTS

EXISTING NOISE RECEPTORS

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

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

EXISTING GENERAL AMBIENT NOISE LEVELS

To quantify the existing ambient noise environment in the project vicinity, Saxelby Acoustics conducted continuous (24-hr.) noise level measurement at three locations on the project site. Noise measurement locations are shown on **Figure 2**. A summary of the noise level measurement survey results is provided in **Table 2**. **Appendix B** contains the complete results of the noise monitoring.

The sound level meters were programmed to record the maximum, median, and average noise levels at each site during the survey. The maximum value, denoted L_{max}, represents the highest noise level

measured. The average value, denoted L_{eq}, represents the energy average of all of the noise received by the sound level meter microphone during the monitoring period. The median value, denoted L_{50}, represents the sound level exceeded 50 percent of the time during the monitoring period.

Larson Davis Laboratories (LDL) model 820 precision integrating sound level meters were used for the ambient noise level measurement survey. The meters were calibrated before and after use with a CAL 200 acoustical calibrator to ensure the accuracy of the measurements. The equipment used meets all pertinent specifications of the American National Standards Institute for Type 1 sound level meters (ANSI S1.4).

TABLE 2: SUMMARY OF EXISTING BACKGROUND NOISE MEASUREMENT DATA

Location	Date	L_{dn}	Daytime L_{eq}	Daytime L_{50}	Daytime L_{max}	Nighttime L_{eq}	Nighttime L_{50}	Nighttime L_{max}
LT-1: 50 ft. to CL of Lyonia Dr.	4/23/25	59	56	52	69	51	49	64
LT-2: 185 ft. to CL of SR-99	4/23/25	73	70	70	81	66	63	77
LT-3: 850 ft. to CL of SR-99	4/23/25	61	56	55	67	54	53	65

- *All values shown in dBA*
- *Daytime hours: 7:00 a.m. to 10:00 p.m.*
- *Nighttime Hours: 10:00 p.m. to 7:00 a.m.*
- *Source: Saxelby Acoustics, 2025.*

FUTURE TRAFFIC NOISE ENVIRONMENT AT OFF-SITE RECEPTORS

OFF-SITE TRAFFIC NOISE IMPACT ASSESSMENT METHODOLOGY

To assess noise impacts due to project-related traffic increases on the local roadway network, traffic noise levels are predicted at sensitive receptors for existing and future, project and no-project conditions.

Existing and Cumulative noise levels due to traffic are calculated using the Federal Highway Administration Highway Traffic Noise Prediction Model (FHWA RD-77-108). The model is based upon the Calveno reference noise factors for automobiles, medium trucks and heavy trucks, with consideration given to vehicle volume, speed, roadway configuration, distance to the receiver, and the acoustical characteristics of the site.

The FHWA model was developed to predict hourly L_{eq} values for free-flowing traffic conditions. To predict traffic noise levels in terms of L_{dn}, it is necessary to adjust the input volume to account for the day/night distribution of traffic.

Project trip generation volumes were provided by the project traffic engineer (GHD 2025), truck usage and vehicle speeds on the local area roadways were estimated from field observations. The predicted increases in traffic noise levels on the local roadway network for Existing and Cumulative conditions which would result from the project are provided in terms of L_{dn}.

Traffic noise levels are predicted at the sensitive receptors located at the closest typical setback distance along each project-area roadway segment. In some locations sensitive receptors may not receive full shielding from noise barriers or may be located at distances which vary from the assumed calculation distance.

Table 3 summarizes the modeled traffic noise levels at the nearest sensitive receptors along each roadway segment in the Project area. **Appendix C** provides the complete inputs and results of the FHWA traffic modeling.

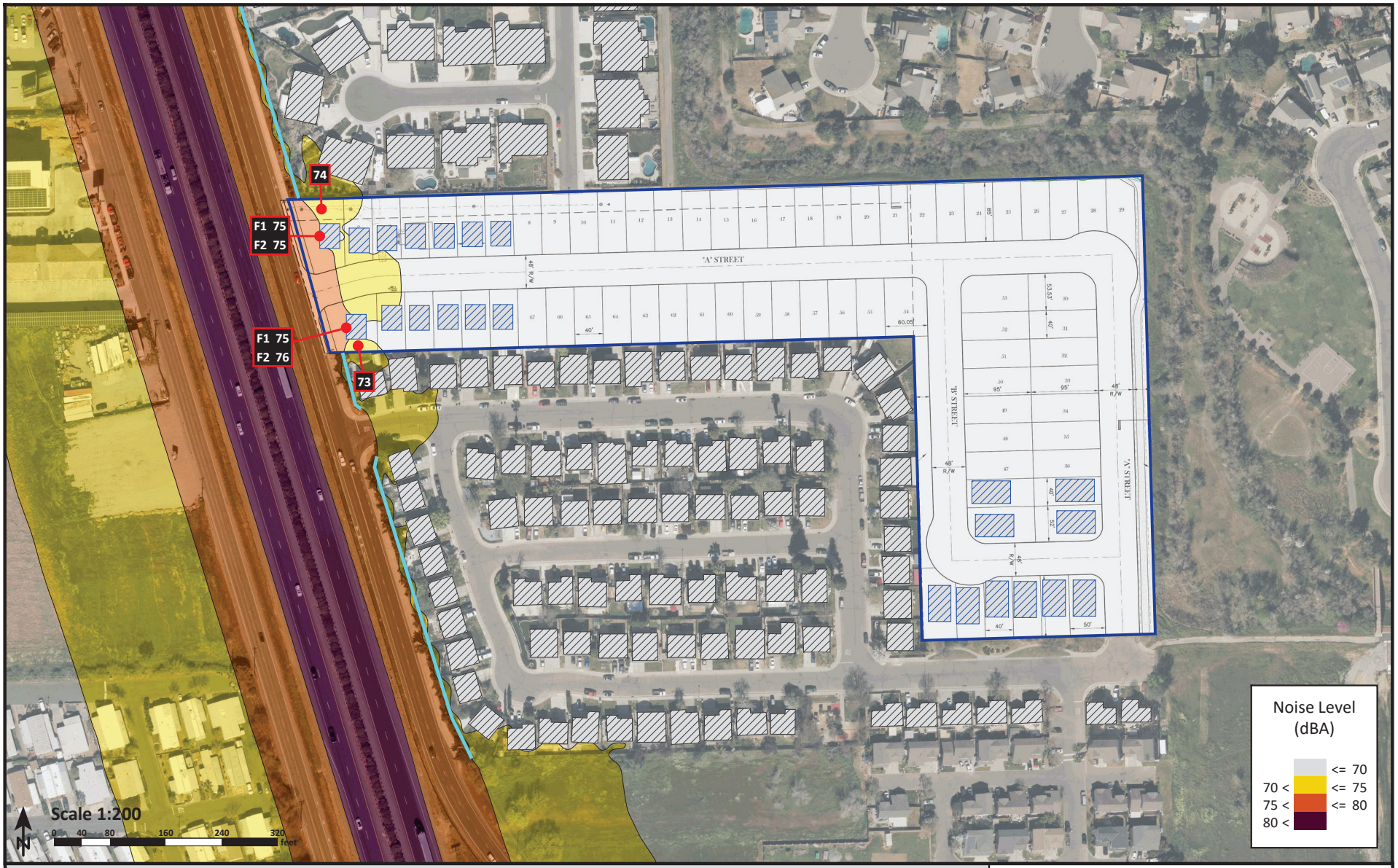
TABLE 3: PROJECT-RELATED TRAFFIC NOISE LEVEL INCREASES

Roadway	Existing no Project (L_{dn} dBA)	Existing + Project (L_{dn} dBA)	Change
Stockton Blvd.	60.4	60.8	0.4
Trellis Lane	47.7	49.5	1.8

Based upon the **Table 3** data, the proposed project is predicted to result in an increase in a maximum traffic noise level increase of 1.8 dBA.

EVALUATION OF FUTURE TRANSPORTATION NOISE ON PROJECT SITE

Saxelby Acoustics used the SoundPLAN noise model to calculate traffic noise levels at the proposed residential uses due to traffic on SR 99. Inputs to the SoundPLAN noise model include topography, existing structures, roadway elevations, and the proposed building pad elevations. It was estimated that existing noise levels would increase by +1 dBA based upon an assumed 1% per year increase in traffic volumes on Highway 99. The results of this analysis are shown graphically on **Figure 3**.



Sheffield Subdivision

City of Galt, California

Figure 3
Future Transportation Noise (Ldn, dBA)

Legend

- Project Boundary
- Project Building
- Existing Building
- Noise Level
- Existing Sound Wall

SAXELBY ACOUSTICS
Acoustics • Noise • Vibration

CONSTRUCTION NOISE ENVIRONMENT

The Federal Highway Administration's (FHWA) Roadway Construction Noise Model (RCNM) was used to predict noise levels for standard construction equipment used for roadway improvement projects. The assessment of potential significant noise effects due to construction is based on the standards and procedures described in the Federal Transit Authority (FTA) guidance manual and FHWA's RCNM.

The RCNM is a Windows-based noise prediction model that enables the prediction of construction noise levels for a variety of construction equipment based on a compilation of empirical data and the application of acoustical propagation formulas. It enables the calculation of construction noise levels in more detail than the manual methods, which eliminates the need to collect extensive amounts of project-specific input data. RCNM allows for the modeling of multiple pieces of construction equipment working either independently or simultaneously, the character of noise emission, and the usage factors for each piece of equipment.

Construction noise varies depending on the construction process, type of equipment involved, location of the construction site with respect to sensitive receptors, the schedule proposed to carry out each task (e.g., hours and days of the week), and the duration of the construction work.

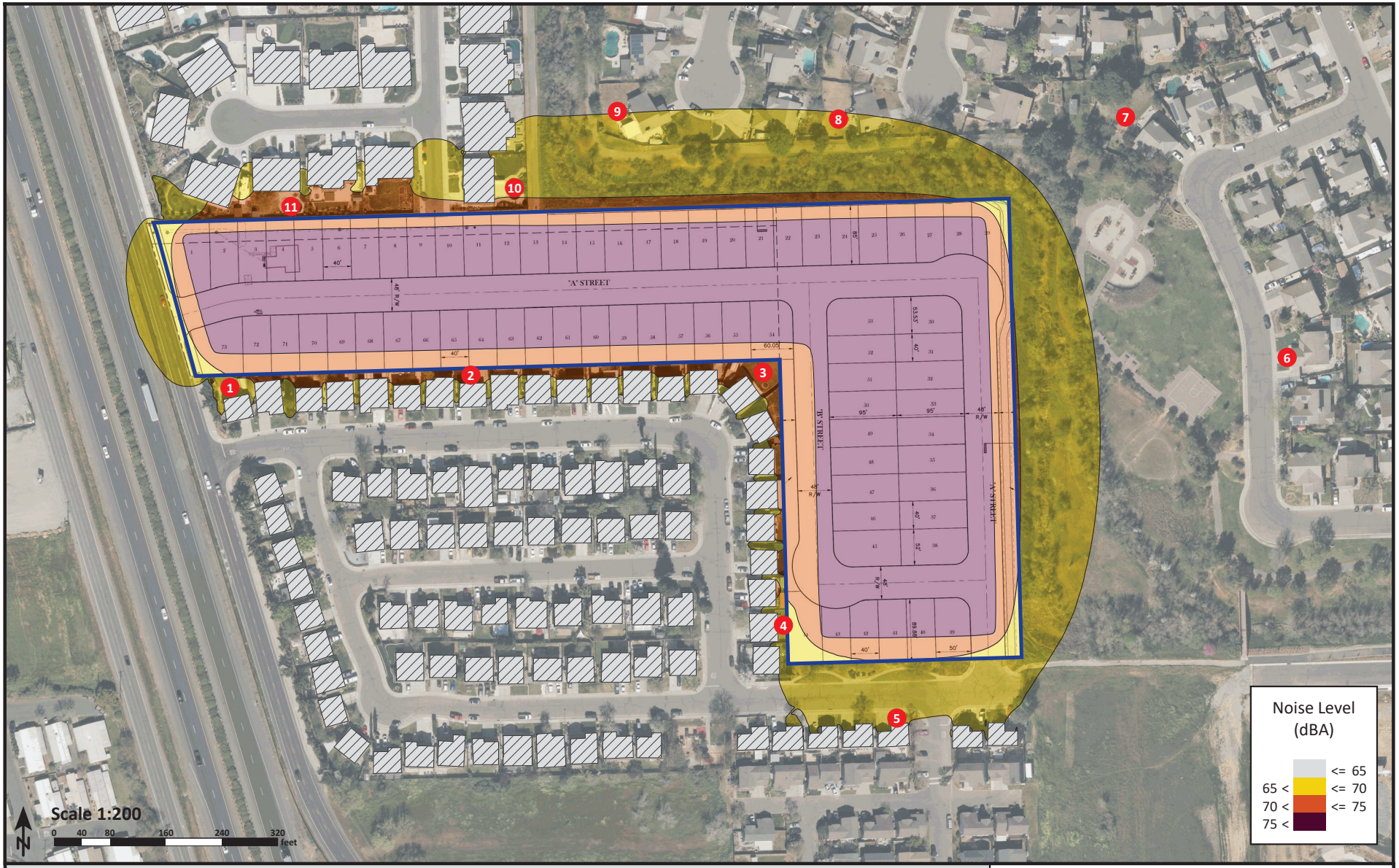
Noise sources in the RCNM database include actual noise levels and equipment usage percentages. This source data was used in this construction noise analysis. **Table 4** shows predicted construction noise levels for the project site.

TABLE 4: CONSTRUCTION EQUIPMENT NOISE LEVELS

Equipment	Quantity	Usage (%)	Maximum, L_{max} (dBA at 50 feet)	Hourly Average, L_{eq} (dBA at 50 feet)
Demolition				
Concrete Saw	1	20	90	83
Excavator	3	40	81	82
Dozer	2	40	82	81
			Total:	**87**
Site Preparation				
Dozer	3	40	82	83
Tractor/Loader/Backhoe	4	40	84	86
			Total:	**88**
Grading				
Excavator	2	40	81	80
Grader	1	40	85	81
Dozer	1	40	82	78
Scraper	2	40	84	83
Tractor/Loader/Backhoe	2	40	84	83
			Total:	**88**
Building Construction				
Crane	1	16	81	73
Fork Lift	3	40	83	84
Generator	1	50	81	78
Tractor/Loader/Backhoe	3	40	84	85
Welder / Torch	1	40	74	70
			Total:	**88**
Paving				
Paver	2	50	77	77
Paving Equipment	2	50	77	77
Roller	2	20	80	76
			Total:	**81**
Architectural Coating				
Air Compressor	1	40	79	75
			Total:	**75**
Linear, Grubbing, & Land Clearing				
Tractor/Loader/Backhoe	1	40	84	80
Excavator	1	40	81	77
			Total:	**82**

Linear, Grading, & Excavation				
Tractor/Loader/Backhoe	1	40	84	80
Excavator	3	40	81	82
Grader	1	40	85	81
Roller	1	20	80	73
Front End Loader	1	40	79	75
Scraper	2	40	84	83
Tractor/Loader/Backhoe	2	40	84	83
			Total:	**89**
Linear, Drainage, Utilities, & Sub-Grade				
Air Compressor	1	40	79	75
Generator	1	50	81	78
Grader	1	40	85	81
Compactor (ground)	1	20	83	76
Pumps	1	50	81	78
Fork Lift	1	40	83	79
Scraper	2	40	84	83
Tractor/Loader/Backhoe	2	40	84	83
			Total:	**89**
Linear, Paving				
Paver	1	50	77	74
Paving Equipment	1	50	77	74
Roller	3	20	80	78
Tractor/Loader/Backhoe	2	40	84	83
			Total:	**85**

Based upon the **Table 4** data, the loudest phases of construction on the project site would be Linear, Grading, & Excavation and Linear, Drainage, Utilities, & Sub-Grade with an average noise exposure of 89 dBA L_{eq} at 50 feet from the center of activity. The results of the construction noise analysis are shown graphically on **Figure 4**.



Sheffield Subdivision

City of Galt, California

Figure 4
Construction Noise Levels (Leq, dBA)

Legend

- Project Boundary
- Existing Building
- Receiver

SAXELBY ACOUSTICS
Acoustics • Noise • Vibration

CONSTRUCTION VIBRATION ENVIRONMENT

The primary vibration-generating activities associated with the proposed project would occur during construction when activities such as grading, utilities placement, and driveway construction occur. **Table 5** shows the typical vibration levels produced by construction equipment.

TABLE 5: VIBRATION LEVELS FOR VARIOUS CONSTRUCTION EQUIPMENT

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

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

REGULATORY CONTEXT

FEDERAL

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

STATE

California Environmental Quality Act

The California Environmental Quality Act (CEQA) Guidelines, Appendix G, indicate that a significant noise impact may occur if a project exposes persons to noise or vibration levels in excess of local general plans or noise ordinance standards, or cause a substantial permanent or temporary increase in ambient noise levels. CEQA standards are discussed more below under the Thresholds of Significance section.

LOCAL

City of Galt General Plan

The noise level performance standards for all new projects in Galt are shown below in Table N-1. Each of the noise levels specified in the below table shall be lowered by five dB for simple tone noises, noises consisting primarily of speech or music, or for recurring impulsive noises. These noise level standards do not apply to residential units established in conjunction with industrial or commercial uses (e.g., caretaker dwellings). Also, for the purposes of compliance with the provisions of this element, the City defines transportation noise sources as traffic on public roadways, railroad line operations, and aircrafts in flight (note: regulation of railroad and aircraft noise is preempted by Federal and State regulations). Figures N-1 and N-2 show the existing (2005) and future (2030) traffic noise contours for State Route 99. Other noise sources are presumed to be subject to local regulations. Non-transportation noise sources may include industrial operations, outdoor recreation facilities, HVAC units, loading docks, and similar activities and operations.

TABLE 6: NOISE LEVEL STANDARDS FOR NON-TRANSPORTATION

TABLE N-1 **Noise Level Standards for Residential Areas Affected by Non-Transportation Noise**		
Noise Level Descriptor	**Daytime** **(7:00 am – 10:00 pm)**	**Nighttime** **(10:00 pm – 7:00 am)**
Hourly L_{eq}, dB	50	45
Maximum Level, dB	70	65
Notes: *These standards apply to new or existing residential areas affected by new or existing nontransportation sources.*		

Goals

N-1 : To protect Galt's residents and visitors from the harmful and annoying effects of exposure to excessive noise.

Policies

N-1.2: Noise Mitigation The City shall develop and implement effective strategies to abate and avoid excessive noise exposures in the city by requiring that effective noise mitigation measure be incorporated in the design of new noise-generating and new noisesensitive land uses.

N-1.3: The City should protect areas within the city where the present noise environment is within acceptable limits.

N-1.4: The City shall use noise level performance standards for reviewing development proposals.

N-1.8: The City shall require noise mitigation for new sensitive receptors near major roadways and thoroughfares by requiring noise buffering and/or special construction techniques (e.g., increased insulation, special windows, etc.) in new construction.

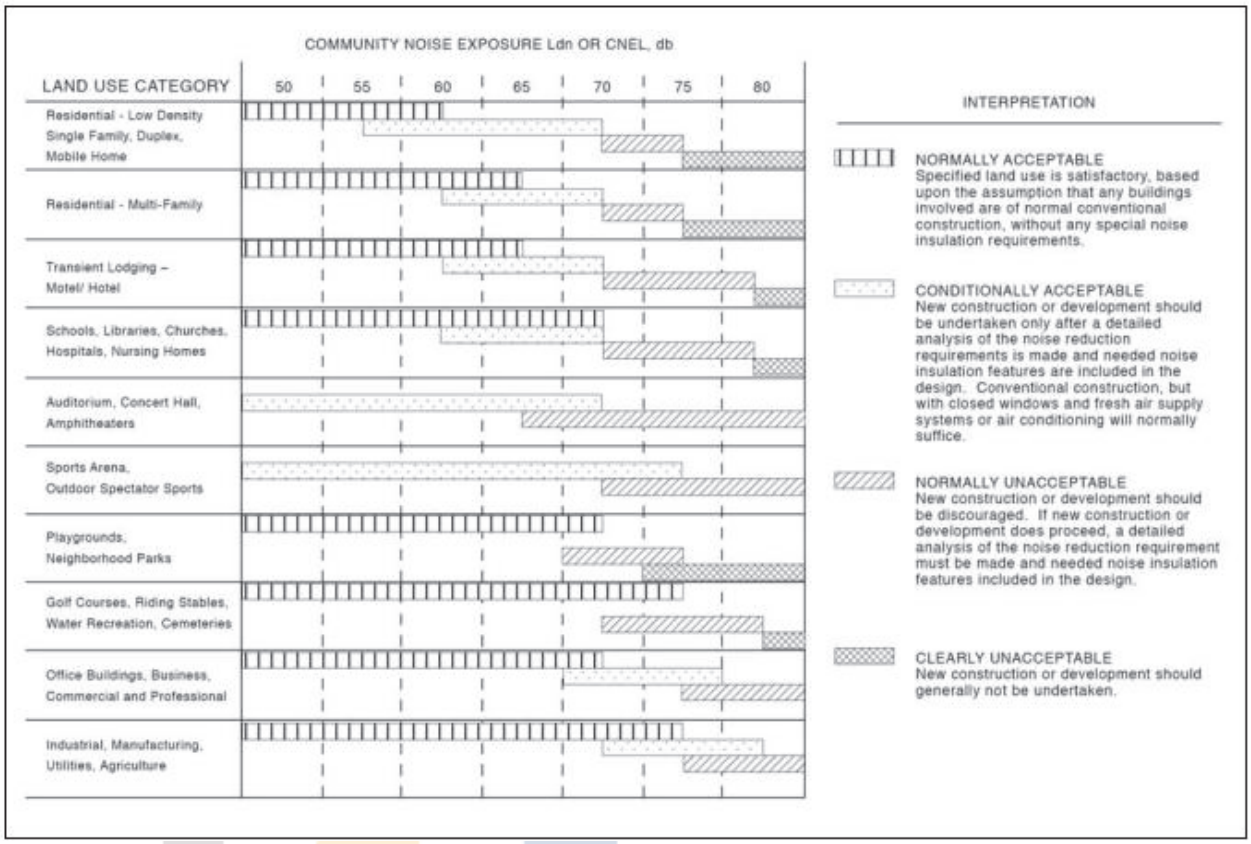
N-1.9: The City should require sound attenuation features such as walls, berming, and distance separation between commercial, industrial, and residential uses to reduce noise and vibration impacts.

N-1.10: The City shall require noise mitigation in new development along major streets, highways, and railroad tracks.

N-1.11: The City shall allow the development of noise sensitive land uses which include, but are not limited to, residential neighborhoods, schools, and hospitals, only in areas where existing or projected noise levels are "acceptable" according to the chart below. Noise mitigation measures may be required to reduce noise in outdoor activity areas and interior spaces to achieve these levels.

N-1.13: The City shall seek to limit the potential noise impacts of temporary construction activities on surrounding land uses by limiting hours of operation in accordance with City's noise ordinance.

TABLE 7: LAND USE COMPATIBILITY TABLE



Sources: State of California General Plan Guidelines, Office of Planning and Research, 1998; and ESA, 2008

City of Galt Municipal Code 8.40.060

The following activities shall be exempted from the provisions of this chapter:

E. Noise sources associated with construction, repair, remodeling, demolition, paving or grading of any real property, provided the activities do take place only between the hours of six a.m. and eight p.m. on weekdays and seven a.m. and eight p.m. on Saturdays and Sundays. Provided, however, when an unforeseen or unavoidable condition occurs during a construction project and the nature of the project necessitates that work in process be continued until a specific phase is completed, the contractor or owner shall be allowed to continue work after eight p.m. and to operate machinery and equipment necessary until completion of the specific work in progress can be brought to conclusion under conditions which will not jeopardize inspection acceptance or create undue financial hardships for the contractor or owner. Provided further, however, from June through September, the pouring of concrete may occur starting at five a.m. on weekdays.

CRITERIA FOR ACCEPTABLE VIBRATION

Vibration is like noise in that it involves a source, a transmission path, and a receiver. While vibration is related to noise, it differs in that noise is generally considered to be pressure waves transmitted through air, whereas vibration usually consists of the excitation of a structure or surface. As with noise, vibration consists of an amplitude and frequency. A person's perception to the vibration will depend on their individual sensitivity to vibration, as well as the amplitude and frequency of the source and the response of the system which is vibrating.

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

Human and structural response to different vibration levels is influenced by a number of factors, including ground type, distance between source and receptor, duration, and the number of perceived vibration events. **Table 8**, which was developed by Caltrans, shows the vibration levels which would normally be required to result in damage to structures. The vibration levels are presented in terms of peak particle velocity in inches per second.

Table 8 indicates that the threshold for architectural damage to structures is 0.20 in/sec p.p.v. A threshold of 0.2 in/sec p.p.v. is considered to be a reasonable threshold for short-term construction projects.

TABLE 8: EFFECTS OF VIBRATION ON PEOPLE AND BUILDINGS

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

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

IMPACTS AND MITIGATION MEASURES

THRESHOLDS OF SIGNIFICANCE

Appendix G of the CEQA Guidelines states that a project would normally be considered to result in significant noise impacts if noise levels conflict with adopted environmental standards or plans or if noise generated by the project would substantially increase existing noise levels at sensitive receivers on a permanent or temporary basis. Significance criteria for noise impacts are drawn from CEQA Guidelines Appendix G (Items XI [a-c]).

Would the project:

a. Generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

b. Generate excessive groundborne vibration or groundborne noise levels?

c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

Noise Level Increase Criteria for Long-Term Project-Related Noise Level Increases

The California Environmental Quality Act (CEQA) guidelines define a significant impact of a project if it "increases substantially the ambient noise levels for adjoining areas." Generally, a project may have a significant effect on the environment if it will substantially increase the ambient noise levels for adjoining areas or expose people to severe noise levels. In practice, more specific professional standards have been developed. These standards state that a noise impact may be considered significant if it would generate noise that would conflict with local project criteria or ordinances, or substantially increase noise levels at noise sensitive land uses. The potential increase in traffic noise from the project is a factor in determining significance. Research into the human perception of changes in sound level indicates the following:

- A 3-dB change is barely perceptible,
- A 5-dB change is clearly perceptible, and
- A 10-dB change is perceived as being twice or half as loud.

A limitation of using a single noise level increase value to evaluate noise impacts is that it fails to account for pre-project noise conditions. **Table 9** is based upon recommendations made by the Federal Interagency Committee on Noise (FICON) to provide guidance in the assessment of changes in ambient noise levels resulting from aircraft operations. The recommendations are based upon studies that relate aircraft noise levels to the percentage of persons highly annoyed by the noise. Although the FICON recommendations were specifically developed to assess aircraft noise impacts, it has been accepted that they are applicable to all sources of noise described in terms of cumulative noise exposure metrics such as the L_{dn}.

TABLE 9: SIGNIFICANCE OF CHANGES IN NOISE EXPOSURE

Ambient Noise Level Without Project, L_{dn}	Increase Required for Significant Impact
<60 dB	+5.0 dB or more
60-65 dB	+3.0 dB or more
>65 dB	+1.5 dB or more

Source: Federal Interagency Committee on Noise (FICON).

Based on the FICON data, an increase in the traffic noise level of 5 dB or more would be significant where the pre-project noise levels are less than 60 dB L_{dn}, or 3 dB or more where existing noise levels are between 60 to 65 dB L_{dn}. Extending this concept to higher noise levels, an increase in the traffic noise level of 1.5 dB or more may be significant where the pre-project traffic noise level exceeds 65 dB L_{dn}. The rationale for the FICON criteria is that, as ambient noise levels increase, a smaller increase in noise resulting from a project is sufficient to cause annoyance.

PROJECT-SPECIFIC IMPACTS AND MITIGATION MEASURES

Impact 1: ***Would the project generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?***

Traffic Noise Increases at Off-Site Receptors

Based upon the FICON criteria, where existing traffic noise levels are greater than 65 dBA L_{dn}, at the outdoor activity areas of noise-sensitive uses, a +1.5 dBA L_{dn} increase in roadway noise levels will be considered significant. Where traffic noise levels are between 60 dBA L_{dn} and 65 dBA L_{dn}, a +3.0 dB L_{dn} increase in roadway noise levels will be considered significant. Where traffic noise levels are less than 60 dBA L_{dn}, a +5.0 dB L_{dn} increase in roadway noise levels will be considered significant.

As shown in **Table 3**, the predicted change in noise levels along Trellis Lane is 1.8 dBA. Based on the existing noise levels of 47.7 dBA L_{dn}, a change of +5.0 dBA would be considered significant. The increase in noise levels along Stockton Boulevard would be 0.4 dBA, which is less than the minimum threshold of +1.5 dBA. Therefore, this is a **less-than-significant** impact, and no mitigation is required.

Operational Noise Increases

The proposed project would include typical residential noise which would be compatible with the adjacent existing residential uses.

This is a **less-than-significant** impact and no mitigation is required.

Construction Noise

During the construction phases of the project, noise from construction activities would add to the noise environment in the immediate project vicinity. Construction activities would be temporary in nature and are anticipated to occur during normal daytime working hours. Noise would also be generated during the construction phase by increased truck traffic on area roadways. A project-generated noise source would be truck traffic associated with transport of heavy materials and equipment to and from the construction site. This noise increase would be of short duration and would occur during daytime hours.

Caltrans defines a significant increase due to noise as an increase of 12 dBA over existing ambient noise levels; Saxelby Acoustics used this criterion to evaluate increases due to construction noise associated with the project. Construction noise levels were modeled using the input data shown in **Table 4** and evaluated for significance in **Table 10** below. **Figure 4** shows modeled construction noise level contours as well as the locations of the analyzed receptors.

TABLE 10: CONSTRUCTION NOISE LEVEL INCREASES

Receptor	Representative NMS	Existing Ambient (dBA L_{eq})	Construction Noise (dBA L_{eq})	Ambient + Construction (dBA L_{eq})	Difference (dBA L_{eq})	Exceeds 12 dB?
1	LT-2	70.1	69.6	72.8	2.7	No
2	LT-3	56.3	71.4	71.5	**15.2**	**Yes**
3	LT-3	56.3	71.7	71.8	**15.5**	**Yes**
4	LT-1	55.6	66.9	67.2	11.6	No
5	LT-1	55.6	66.1	66.5	10.9	No
6	LT-1	55.6	59.1	60.7	5.1	No
7	LT-3	56.3	60.6	62.0	5.7	No
8	LT-3	56.3	65.3	65.8	9.5	No
9	LT-3	56.3	64.9	65.5	9.2	No
10	LT-3	56.3	69.2	69.4	**13.1**	**Yes**
11	LT-2	70.1	71.2	73.7	3.6	No

As shown in **Table 10**, the proposed project is predicted to generate construction noise level increases of up to 15.5 dBA L_{eq} at the existing sensitive receptors. Therefore, this is a ***potentially significant*** impact. Saxelby Acoustics recommends Mitigation Measure 1(a) which specifies the utilization of temporary sound barriers to reduce construction noise at the impacted receptors. **Figure 5** shows the required locations of the sound barriers. **Table 11** shows the resulting noise levels with mitigation. As shown in the table, use of the barriers would reduce noise level increases to below 12 dB.



Sheffield Subdivision

City of Galt, California

Figure 5
Construction Noise Levels (Leq, dBA)

Legend

- Project Boundary
- Existing Building
- Receiver
- Existing Sound Wall
- 8' Temporary Barrier

SAXELBY ACOUSTICS
Acoustics • Noise • Vibration

TABLE 11: CONSTRUCTION NOISE LEVEL INCREASES

Receptor	Representative NMS	Existing Ambient (dBA L_{eq})	Construction Noise (dBA L_{eq})	Ambient + Construction (dBA L_{eq})	Difference (dBA L_{eq})	Exceeds 12 dB?
1	LT-2	70.1	69.6	72.8	2.7	No
2	LT-3	56.3	65.4	65.9	9.6	No
3	LT-3	56.3	66.5	66.9	10.6	No
4	LT-1	55.6	63.3	64.0	8.4	No
5	LT-1	55.6	65.9	66.3	10.7	No
6	LT-1	55.6	59.0	60.6	5.0	No
7	LT-3	56.3	60.5	61.9	5.6	No
8	LT-3	56.3	65.2	65.7	9.4	No
9	LT-3	56.3	63.3	64.1	7.8	No
10	LT-3	56.3	63.3	64.1	7.8	No
11	LT-2	70.1	71.1	73.6	3.5	No

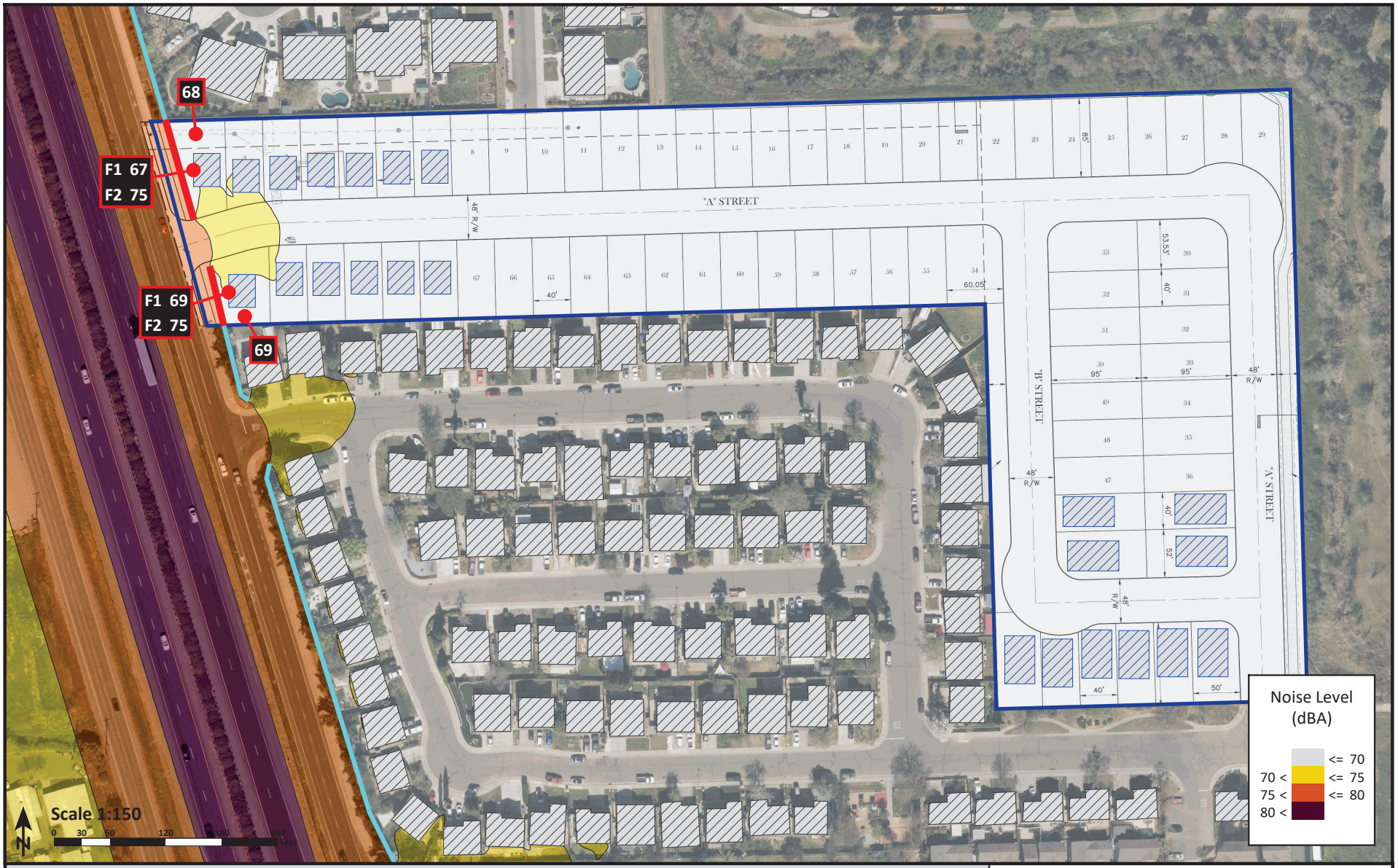
Although construction activities are temporary in nature and would occur during normal daytime working hours, construction-related noise could result in sleep interference at existing noise-sensitive land uses in the vicinity of the construction if construction activities were to occur outside the normal daytime hours. Therefore, impacts resulting from noise levels temporarily exceeding the threshold of significance due to construction would be considered ***potentially significant***. Mitigation measure 1(a) would reduce construction noise impacts to ***less-than-significant***.

Transportation Noise on Project Site (Non-CEQA Issue)

Exterior Transportation Noise

Compliance with City standards on new noise-sensitive receptors is not a CEQA consideration. However, this information is provided here so that a determination can be made regarding the ability of the proposed project to meet the requirements of the City of Galt for exterior and interior noise levels at new sensitive uses proposed under the project.

Based on long term noise measurements, the project site is predicted to be exposed to exterior noise levels up to approximately 74 dBA L_{dn} at the outdoor activity areas of the proposed residential uses. The Galt Community Noise Exposure land use compatibility chart shown in **Table 7** shows that noise levels of up to 70 dBA L_{dn} are "Conditionally Acceptable" for single-family residential uses. Project noise levels of 74 dBA fall within the "Normally Unacceptable" range of 70-75 dBA L_{dn}. A 10-foot-tall sound wall along the western boundary of the project site between SR 99 and proposed residences (shown in **Figure 6**) would reduce noise levels from SR 99 to acceptable levels in the outdoor activity areas of proposed residences.



Sheffield Subdivision

City of Galt, California

Figure 6
Future Transportation Noise w/ Sound Wall (Ldn, dBA)

Legend

- Project Boundary
- Project Building
- Noise Level
- Existing Sound Wall
- 10' Wall

SAXELBY ACOUSTICS
Acoustics · Noise · Vibration

Interior Transportation Noise

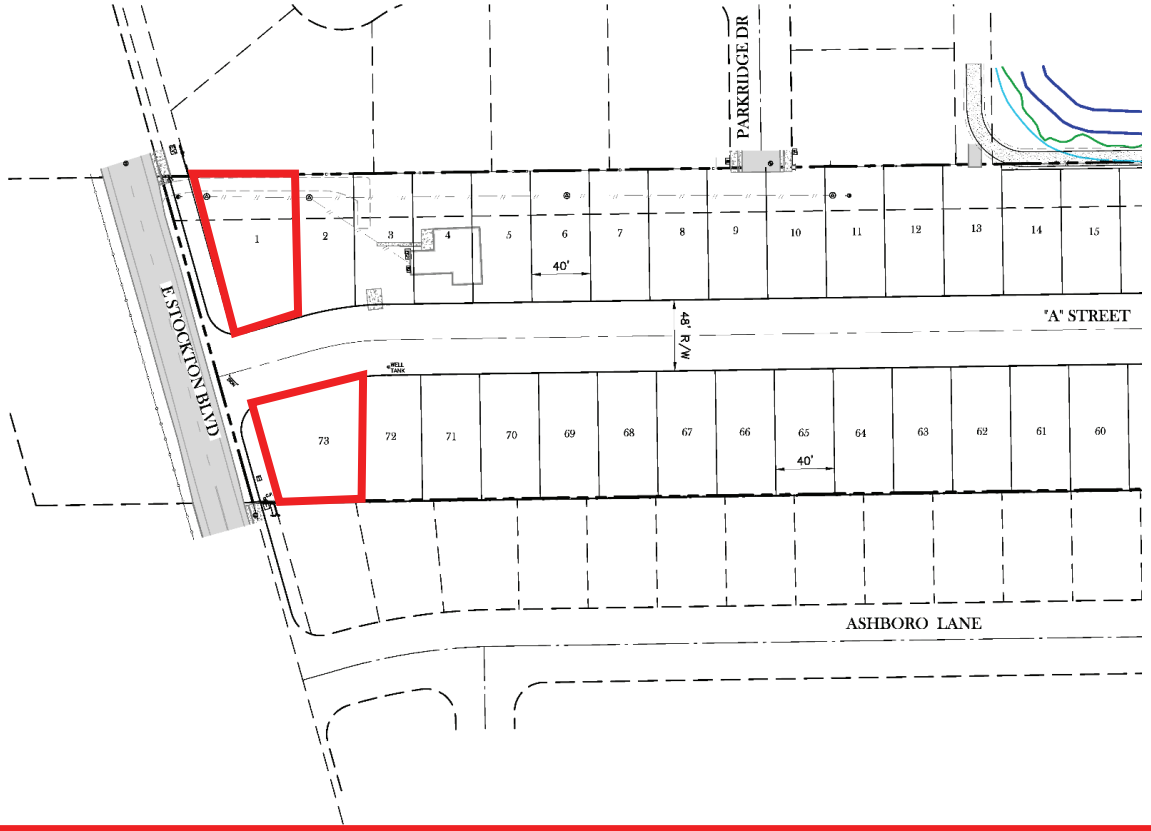
Based upon **Figure 6**, the proposed project would be exposed to exterior noise levels of up to 69 dBA L_{dn} at first floor facades and 75 dBA L_{dn} at second floor facades. The City of Galt requires interior noise levels at residential uses to be 45 dB L_{dn}, or less. Modern building construction methods typically yield an exterior-to-interior noise level reduction of 25 dBA. Therefore, where exterior noise levels are 70 dBA L_{dn}, or less, no additional interior noise control measures are typically required. Based on this assumption, interior noise levels at first floors would be 44 dBA L_{dn} and noise levels at second floors would be 45 dBA L_{dn}. Noise levels at the first floor would comply with the City's 45 dBA L_{dn} interior noise level standard, but second floor noise levels would exceed this standard. Therefore, additional acoustic upgrades would be required.

Figure 7 provides an estimate of the required acoustic upgrades and shows the locations of facades requiring acoustic upgrades. **Appendix C** provides the assumptions used in the calculation of interior noise levels. It should be noted that interior noise control measures are based upon an estimate of the future residence layouts. These assumptions should be verified once floor plans become available for an accurate assessment of interior noise control measures.

Note: Standard construction is sufficient for project units that do not need acoustical upgrades. Standard construction assumes a minimum STC rating of 29 for exterior window assemblies.

40'X85'
GALT, CA

R2-PD*	0.60*



Interior Noise Control Measures
(Required for the Northern, Southern, and Western Facades of the Indicated Lots)

- *Glazing shall have a sound transmission class (STC) rating of 34 minimum;*
- *Exterior finish shall be stucco with sheathing or system with equivalent weight;*
- *Interior gypsum at exterior walls and ceilings shall be 5/8";*
- *Mechanical ventilation shall be installed in all residential uses to allow residents to keep doors and windows closed, as desired for acoustical isolation;*
- *No PTAC's shall be used.*

Sheffield Subdivision

City of Galt, California

Figure 7

Interior Noise Control Measures

Legend

Lots Requiring Acoustic Upgrades

SAXELBY ACOUSTICS
Acoustics · Noise · Vibration

Mitigation Measure(s)

Implementation of the following mitigation measures would reduce the above impact to a *less-than-significant* level.

1(a) *The proposed project shall incorporate the use of 8-foot-tall temporary sound barriers at the locations shown in **Figure 5**. The sound barrier fencing should consist of ½" plywood or minimum STC 27 sound curtains placed to shield nearby sensitive receptors. The plywood barrier should be free from gaps, openings, or penetrations to ensure maximum performance.*

1(b) *Construction activities shall comply with the City of Galt Noise Ordinance and shall be limited to the hours set forth below:*

Monday-Friday	*6:00 AM to 8:00 PM*
Saturday and Sunday	*7:00 AM to 8:00 PM*

These criteria shall be included in the grading plan submitted by the applicant/developer for review and approval of the Public Works Department prior to issuance of grading permits. Exceptions to allow expanded construction activities shall be reviewed on a case-by-case basis as determined by the Chief Building Official and/or City Engineer.

1(c) *Construction activities shall adhere to the requirements of the City of Galt with respect to hours of operation, muffling of internal combustion engines, and other factors that affect construction noise generation and its effects on noise-sensitive land uses. Prior to issuance of grading permits, these criteria shall be included in the grading plan submitted by the applicant/developer for the review and approval of the Public Works Department.*

1(d) *During construction, the applicant/developer shall designate a disturbance coordinator and conspicuously post this person's number around the project site and in adjacent public spaces. The disturbance coordinator will receive all public complaints about construction noise disturbances and will be responsible for determining the cause of the complaint, and implement feasible measures to be taken to alleviate the problem. The disturbance coordinator shall report all complaints and corrective measures taken to the Community Development Director.*

Recommended Condition of Approval

*Prior to approval of project improvement plans, the plans for the proposed project shall show that the first row lots closest to SR 99 shall be shielded using a 10-foot-tall masonry sound wall per the approval of the City Engineer. The approximate location of the 10-foot-tall wall is shown on **Figure 6**. Other types of barriers may be employed but shall be reviewed by an acoustical engineer prior to being constructed. Sound wall heights are assumed to be relative to building pad elevations and may achieve the required wall height through use of earthen berm and wall combinations to achieve the total height. Additionally, second floor windows at the northern, southern, and western facades of the first row of residences along the SR 99 should have a minimum STC rating of 34. Alternatively, an interior noise analysis shall be prepared by a qualified acoustic engineer outlining the measures required to meet the City's 45 dBA L_{dn} interior noise standard, especially at unshielded second floor facades along SR 99.*

IMPACT 2: WOULD THE PROJECT GENERATE EXCESSIVE GROUNDBORNE VIBRATION OR GROUNDBORNE NOISE LEVELS?

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

The **Table 5** data indicate that construction vibration levels anticipated for the project are less than the 0.2 in/sec threshold at distances of 26 feet. Sensitive receptors which could be impacted by construction related vibrations, especially vibratory compactors/rollers, are located approximately 26 feet, or further, from typical construction activities. At these distances construction vibrations are not predicted to exceed acceptable levels. Additionally, construction activities would be temporary in nature and would likely occur during normal daytime working hours.

This is a **less-than-significant** impact, and no mitigation is required.

Impact 3: For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

There are no airports in the project vicinity. Therefore, this impact is not applicable to the proposed project.

REFERENCES

American National Standards Institute. (1998). *[Standard] ANSI S1.43-1997 (R2007): Specifications for integrating-averaging sound level meters*. New York: Acoustical Society of America.

American Standard Testing Methods, *Standard Guide for Measurement of Outdoor A-Weighted Sound Levels, American Standard Testing Methods (ASTM) E1014-08*, 2008.

ASTM E1014-12. *Standard Guide for Measurement of Outdoor A-Weighted Sound Levels*. ASTM International. West Conshohocken, PA. 2012.

ASTM E1780-12. *Standard Guide for Measuring Outdoor Sound Received from a Nearby Fixed Source.* ASTM International. West Conshohocken, PA. 2012.

Barry, T M. (1978). *FHWA highway traffic noise prediction model* (FHWA-RD-77-108). Washington, DC: U.S. Department of transportation, Federal highway administration, Office of research, Office of environmental policy.

California Department of Transportation (Caltrans), *Technical Noise Supplement, Traffic Noise Analysis Protocol*, September 2013.

Egan, M. D. (1988). Architectural acoustics. United States of America: McGraw-Hill Book Company.

Federal Highway Administration. *FHWA Roadway Construction Noise Model User's Guide.* FHWA-HEP-05-054 DOT-VNTSC-FHWA-05-01. January 2006.

Hanson, Carl E. (Carl Elmer). (2006). *Transit noise and vibration impact assessment*. Washington, DC: U.S. Department of Transportation, Federal Transit Administration, Office of Planning and Environment.

International Electrotechnical Commission. Technical committee 29: Electroacoustics. International Organization of Legal Metrology. (2013). *Electroacoustics: Sound level meters*.

International Organization for Standardization. (1996). *Acoustic - ISO 9613-2: Attenuation of sound during propagation outdoors. Part 2: General methods of calculation*. Ginevra: I.S.O.

Miller, L. N., Bolt, Beranek, & and Newman, Inc. (1981). *Noise control for buildings and manufacturing plants*. Cambridge, MA: Bolt, Beranek and Newman, Inc.

SoundPLAN. SoundPLAN GmbH. Backnang, Germany. http://www.soundplan.eu/english/

Appendix A: Acoustical Terminology

Acoustics	The science of sound.
Ambient Noise	The distinctive acoustical characteristics of a given space consisting of all noise sources audible at that location. In many cases, the term ambient is used to describe an existing or pre-project condition such as the setting in an environmental noise study.
ASTC	Apparent Sound Transmission Class. Similar to STC but includes sound from flanking paths and correct for room reverberation. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.
Attenuation	The reduction of an acoustic signal.
A-Weighting	A frequency-response adjustment of a sound level meter that conditions the output signal to approximate human response.
Decibel or dB	Fundamental unit of sound, A Bell is defined as the logarithm of the ratio of the sound pressure squared over the reference pressure squared. A Decibel is one-tenth of a Bell.
CNEL	Community Noise Equivalent Level. Defined as the 24-hour average noise level with noise occurring during evening hours (7 - 10 p.m.) weighted by +5 dBA and nighttime hours weighted by +10 dBA.
DNL	See definition of Ldn.
IIC	Impact Insulation Class. An integer-number rating of how well a building floor attenuates impact sounds, such as footsteps. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.
Frequency	The measure of the rapidity of alterations of a periodic signal, expressed in cycles per second or hertz (Hz).
Ldn	Day/Night Average Sound Level. Similar to CNEL but with no evening weighting.
Leq	Equivalent or energy-averaged sound level.
Lmax	The highest root-mean-square (RMS) sound level measured over a given period of time.
L(n)	The sound level exceeded a described percentile over a measurement period. For instance, an hourly L50 is the sound level exceeded 50% of the time during the one-hour period.
Loudness	A subjective term for the sensation of the magnitude of sound.
NIC	Noise Isolation Class. A rating of the noise reduction between two spaces. Similar to STC but includes sound from flanking paths and no correction for room reverberation.
NNIC	Normalized Noise Isolation Class. Similar to NIC but includes a correction for room reverberation.
Noise	Unwanted sound.
NRC	Noise Reduction Coefficient. NRC is a single-number rating of the sound-absorption of a material equal to the arithmetic mean of the sound-absorption coefficients in the 250, 500, 1000, and 2,000 Hz octave frequency bands rounded to the nearest multiple of 0.05. It is a representation of the amount of sound energy absorbed upon striking a particular surface. An NRC of 0 indicates perfect reflection; an NRC of 1 indicates perfect absorption.
RT60	The time it takes reverberant sound to decay by 60 dB once the source has been removed.
Sabin	The unit of sound absorption. One square foot of material absorbing 100% of incident sound has an absorption of 1 Sabin.
SEL	Sound Exposure Level. SEL is a rating, in decibels, of a discrete event, such as an aircraft flyover or train pass by, that compresses the total sound energy into a one-second event.
SPC	Speech Privacy Class. SPC is a method of rating speech privacy in buildings. It is designed to measure the degree of speech privacy provided by a closed room, indicating the degree to which conversations occurring within are kept private from listeners outside the room.
STC	Sound Transmission Class. STC is an integer rating of how well a building partition attenuates airborne sound. It is widely used to rate interior partitions, ceilings/floors, doors, windows and exterior wall configurations. The STC rating is typically used to rate the sound transmission of a specific building element when tested in laboratory conditions where flanking paths around the assembly don't exist. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.
Threshold of Hearing	The lowest sound that can be perceived by the human auditory system, generally considered to be 0 dB for persons with perfect hearing.
Threshold of Pain	Approximately 120 dB above the threshold of hearing.
Impulsive	Sound of short duration, usually less than one second, with an abrupt onset and rapid decay.
Simple Tone	Any sound which can be judged as audible as a single pitch or set of single pitches.

Appendix B: Continuous Long-Term Ambient Noise Measurement Results

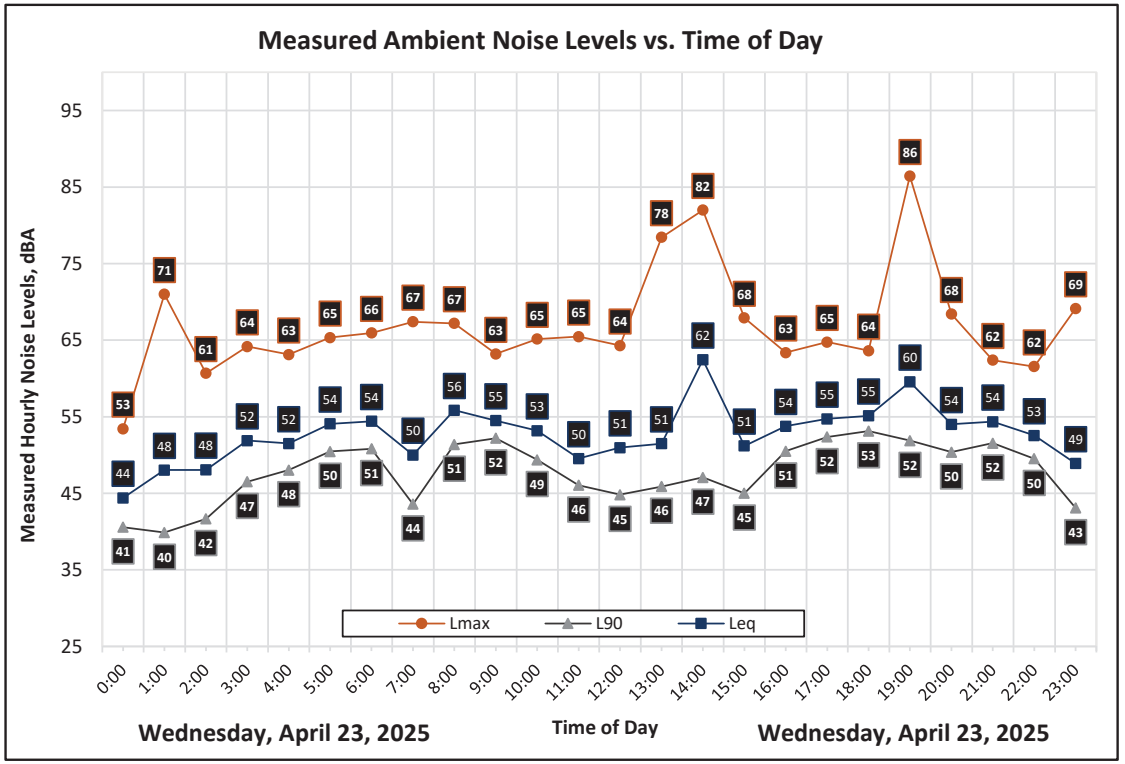


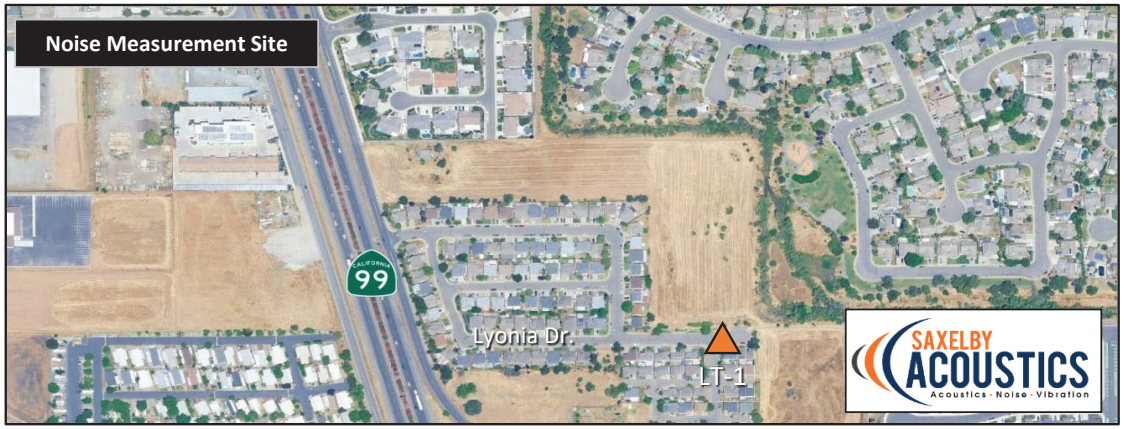
Appendix B1: Continuous Noise Monitoring Results

Site: LT-1
Project: Sheffield Subdivision CEQA
Location: Southern Project Boundary
Coordinates: (38.2711740, -121.2988723)
Meter: LDL 820-3
Calibrator: CAL200

Date	Time	Measured Level, dBA			
		L_{eq}	L_{max}	L_{50}	L_{90}
Wednesday, April 23, 2025	0:00	44	53	44	41
Wednesday, April 23, 2025	1:00	48	71	45	40
Wednesday, April 23, 2025	2:00	48	61	46	42
Wednesday, April 23, 2025	3:00	52	64	50	47
Wednesday, April 23, 2025	4:00	52	63	51	48
Wednesday, April 23, 2025	5:00	54	65	54	50
Wednesday, April 23, 2025	6:00	54	66	53	51
Wednesday, April 23, 2025	7:00	50	67	48	44
Wednesday, April 23, 2025	8:00	56	67	56	51
Wednesday, April 23, 2025	9:00	55	63	54	52
Wednesday, April 23, 2025	10:00	53	65	53	49
Wednesday, April 23, 2025	11:00	50	65	48	46
Wednesday, April 23, 2025	12:00	51	64	48	45
Wednesday, April 23, 2025	13:00	51	78	49	46
Wednesday, April 23, 2025	14:00	62	82	51	47
Wednesday, April 23, 2025	15:00	51	68	50	45
Wednesday, April 23, 2025	16:00	54	63	53	51
Wednesday, April 23, 2025	17:00	55	65	54	52
Wednesday, April 23, 2025	18:00	55	64	55	53
Wednesday, April 23, 2025	19:00	60	86	54	52
Wednesday, April 23, 2025	20:00	54	68	53	50
Wednesday, April 23, 2025	21:00	54	62	54	52
Wednesday, April 23, 2025	22:00	53	62	52	50
Wednesday, April 23, 2025	23:00	49	69	46	43

Statistics	Leq	Lmax	L50	L90
Day Average	56	69	52	49
Night Average	51	64	49	46
Day Low	50	62	48	44
Day High	62	86	56	53
Night Low	44	53	44	40
Night High	54	71	54	51
Ldn	59	Day %		82
CNEL	59	Night %		18



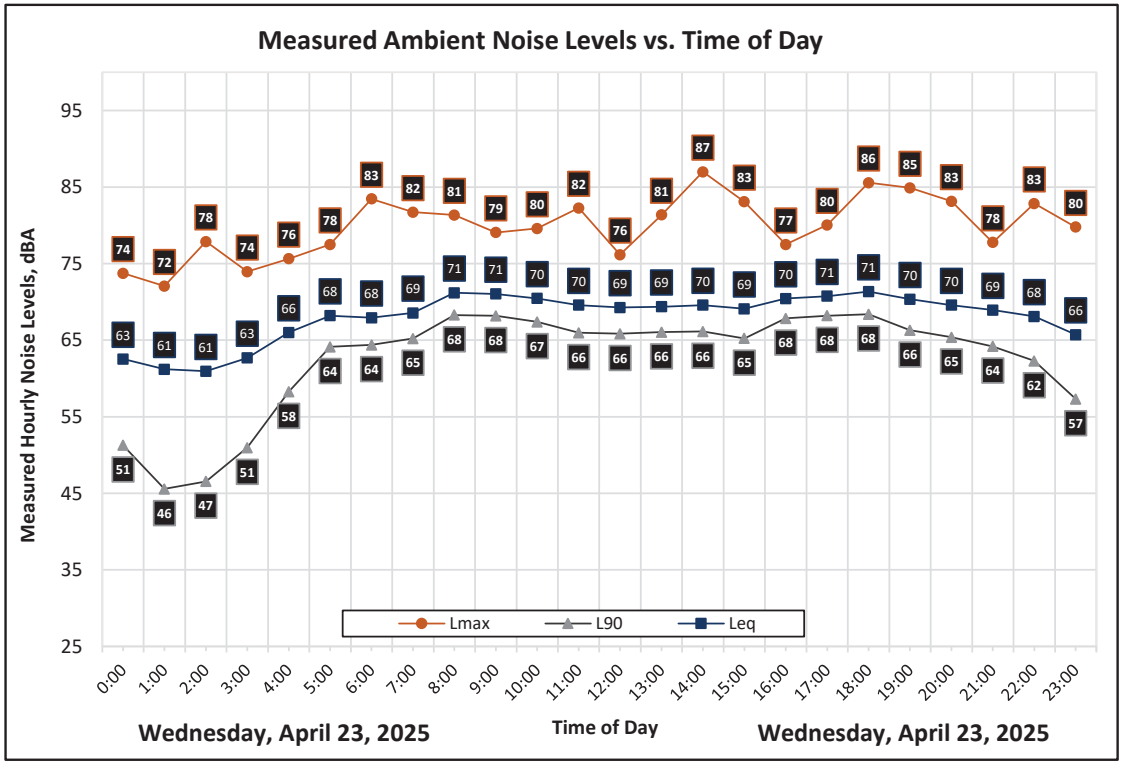


Appendix B2: Continuous Noise Monitoring Results

Site: LT-2
Project: Sheffield Subdivision CEQA
Location: Western Project Boundary
Coordinates: (38.2723743, -121.3024139)
Meter: LDL 820-1
Calibrator: CAL200

Date	Time	Measured Level, dBA			
		L_{eq}	L_{max}	L_{50}	L_{90}
Wednesday, April 23, 2025	0:00	63	74	61	51
Wednesday, April 23, 2025	1:00	61	72	58	46
Wednesday, April 23, 2025	2:00	61	78	58	47
Wednesday, April 23, 2025	3:00	63	74	60	51
Wednesday, April 23, 2025	4:00	66	76	65	58
Wednesday, April 23, 2025	5:00	68	78	68	64
Wednesday, April 23, 2025	6:00	68	83	68	64
Wednesday, April 23, 2025	7:00	69	82	68	65
Wednesday, April 23, 2025	8:00	71	81	71	68
Wednesday, April 23, 2025	9:00	71	79	71	68
Wednesday, April 23, 2025	10:00	70	80	70	67
Wednesday, April 23, 2025	11:00	70	82	69	66
Wednesday, April 23, 2025	12:00	69	76	69	66
Wednesday, April 23, 2025	13:00	69	81	69	66
Wednesday, April 23, 2025	14:00	70	87	69	66
Wednesday, April 23, 2025	15:00	69	83	69	65
Wednesday, April 23, 2025	16:00	70	77	70	68
Wednesday, April 23, 2025	17:00	71	80	71	68
Wednesday, April 23, 2025	18:00	71	86	71	68
Wednesday, April 23, 2025	19:00	70	85	70	66
Wednesday, April 23, 2025	20:00	70	83	69	65
Wednesday, April 23, 2025	21:00	69	78	69	64
Wednesday, April 23, 2025	22:00	68	83	68	62
Wednesday, April 23, 2025	23:00	66	80	65	57

Statistics	Leq	Lmax	L50	L90
Day Average	70	81	70	67
Night Average	66	77	63	56
Day Low	69	76	68	64
Day High	71	87	71	68
Night Low	61	72	58	46
Night High	68	83	68	64
Ldn	73	Day %		82
CNEL	74	Night %		18



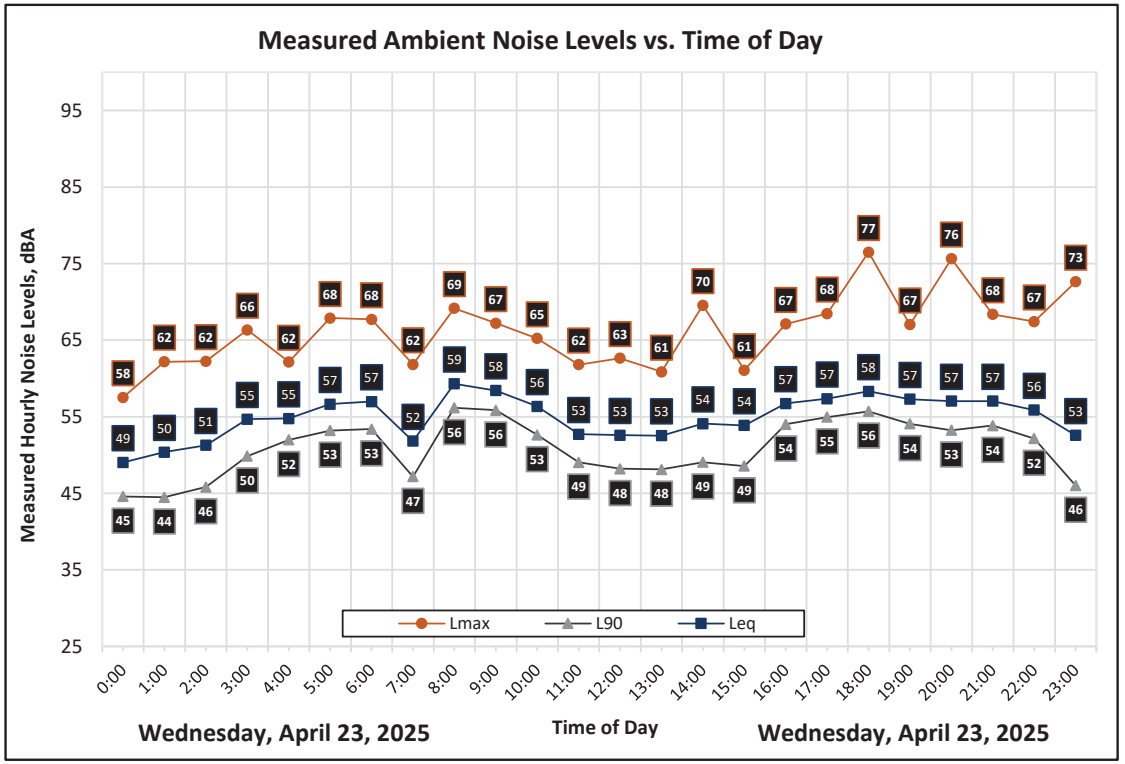


Appendix B3: Continuous Noise Monitoring Results

Site: LT-3
Project: Sheffield Subdivision CEQA
Location: Northern Project Boundary
Coordinates: (38.2729702, -121.3002939)
Meter: LDL 820-5
Calibrator: CAL200

Date	Time	Measured Level, dBA			
		L_{eq}	L_{max}	L_{50}	L_{90}
Wednesday, April 23, 2025	0:00	49	58	48	45
Wednesday, April 23, 2025	1:00	50	62	49	44
Wednesday, April 23, 2025	2:00	51	62	50	46
Wednesday, April 23, 2025	3:00	55	66	53	50
Wednesday, April 23, 2025	4:00	55	62	54	52
Wednesday, April 23, 2025	5:00	57	68	56	53
Wednesday, April 23, 2025	6:00	57	68	56	53
Wednesday, April 23, 2025	7:00	52	62	51	47
Wednesday, April 23, 2025	8:00	59	69	59	56
Wednesday, April 23, 2025	9:00	58	67	58	56
Wednesday, April 23, 2025	10:00	56	65	56	53
Wednesday, April 23, 2025	11:00	53	62	52	49
Wednesday, April 23, 2025	12:00	53	63	51	48
Wednesday, April 23, 2025	13:00	53	61	52	48
Wednesday, April 23, 2025	14:00	54	70	53	49
Wednesday, April 23, 2025	15:00	54	61	53	49
Wednesday, April 23, 2025	16:00	57	67	56	54
Wednesday, April 23, 2025	17:00	57	68	57	55
Wednesday, April 23, 2025	18:00	58	77	58	56
Wednesday, April 23, 2025	19:00	57	67	57	54
Wednesday, April 23, 2025	20:00	57	76	56	53
Wednesday, April 23, 2025	21:00	57	68	56	54
Wednesday, April 23, 2025	22:00	56	67	55	52
Wednesday, April 23, 2025	23:00	53	73	51	46

Statistics	Leq	Lmax	L50	L90
Day Average	56	67	55	52
Night Average	54	65	53	49
Day Low	52	61	51	47
Day High	59	77	59	56
Night Low	49	58	48	44
Night High	57	73	56	53
Ldn	61	Day %		72
CNEL	62	Night %		28





SAXELBY ACOUSTICS
Acoustics • Noise • Vibration

Appendix C: Traffic Noise Calculation Inputs and Results



Appendix C-1

FHWA-RD-77-108 Highway Traffic Noise Prediction Model

Project #: 250404 Sheffield Subdivision CEQA
Description: Existing Traffic
Ldn/CNEL: Ldn
Hard/Soft: Soft

Segment	Roadway		Segment	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)	Contours (ft.) - No Offset 60 dBA	65 dBA	70 dBA	Level, dBA
1	Stockton Blvd.	0		3,900	72	0	28	1.0%	1.0%	45	45	-5	103	48	22	60.4
2	Trellis Lane	0		353	82	0	18	1.0%	1.0%	25	50	0	8	3	2	47.7

SAXELBY ACOUSTICS
Acoustics · Noise · Vibration

Appendix C-2

FHWA-RD-77-108 Highway Traffic Noise Prediction Model

Project #: 250404 Sheffield Subdivision CEQA
Description: Existing Plus Project Traffic
Ldn/CNEL: Ldn
Hard/Soft: Soft

Segment	Roadway		Segment	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)	Contours (ft.) - No Offset 60 dBA	65 dBA	70 dBA	Level, dBA
1	Stockton Blvd.	0		4,279	72	0	28	1.0%	1.0%	45	45	-5	110	51	24	60.8
2	Trellis Lane	0		539	82	0	18	1.0%	1.0%	25	50	0	10	5	2	49.5

SAXELBY ACOUSTICS
Acoustics · Noise · Vibration

Appendix D: Exterior to Interior Noise Reduction Calculations

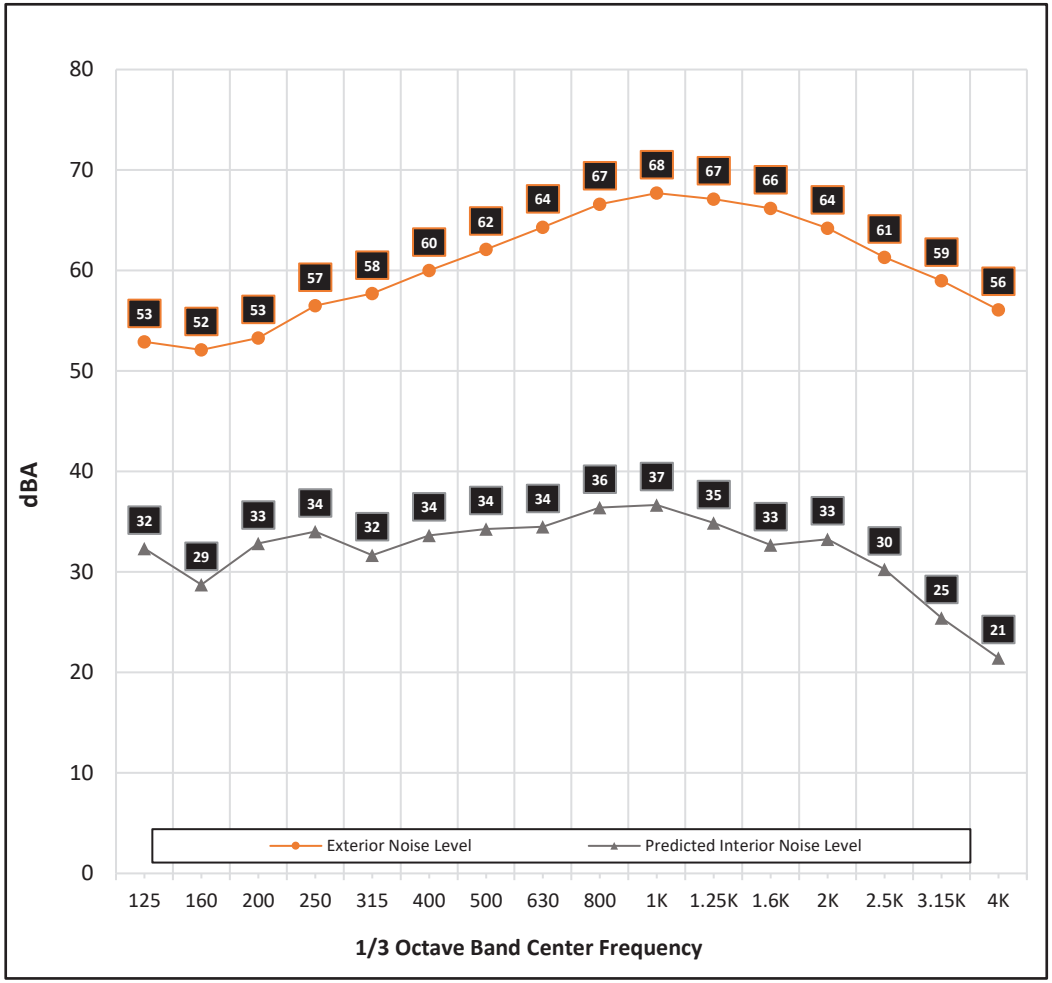
Appendix D1: Interior Noise Calculation Sheet

Project: Sheffield Subdivision CEQA
Room Description: Corner Bedroom

Inputs

Parallel Exterior level, dBA:	75.0	Ldn
Correction Factor, dBA:	5.0	
Noise Source:	Freeway Traffic	
Room Length, ft:	12.0	
Room Width, ft:	12.0	
Room Height, ft:	8.0	
Transmitting Panel Length, ft:	24.0	
Glazing Area, ft:	15.0	
Exterior Door Area, ft:	15.0	
Ceiling Finish:	Gyp Board	
Ceiling, sf:	144	
Wall Finish 1:	Gyp Board	
Wall Finish 1, sf:	369	
Wall Finish 2:	Glass	
Wall Finish 2, sf:	15	
Floor:	Vinyl Plank	
Floor, sf:	144	
Misc. Finish:	Soft Furnishings	
Misc. Finish, sf:	25	
Transmitting Element 1:	Wall - 1-Coat Stucco, 5/8" gyp INSUL	
Element 1, sf:	177	
Transmitting Element 2:	Glazing - STC 34	
Element 2, sf:	15	
Transmitting Element 3:		
Element 3, sf:		
Transmitting Element 4:		
Element 4, sf:		

Predicted Interior Noise Level, dBA: 45
Noise Reduction, dBA: -30



SAXELBY ACOUSTICS
Acoustics · Noise · Vibration

Appendix G

Transportation Impacts Memorandum

Technical Memorandum

June 6, 2025

To	Angela DeRosa Raney Planning & Management	**Contact No.**	925.262.1903
Copy to	Kristin Bitz, City of Galt	**Email**	Peter.Galloway@ghd.com
From	Peter Galloway, GHD Rosanna Southern, GHD	**Project No.**	12667382
Project Name	Sheffield Trip Generation Assessment for Potential VMT Impacts		
Subject	Transportation Impacts Memorandum		

1. Introduction

GHD has been retained to assess the daily and peak hour trip generation of two existing residential developments in the City of Galt to determine potential VMT impacts for the proposed Sheffield residential project. The proposed Sheffield project would consist of 65 single-family units located immediately east of East Stockton Boulevard. The assessment will involve a comparison of the projected daily trip generation rates with two surrounding residential developments to determine if the new Sheffield development will produce low VMT impacts within the City of Galt: Emerald Park Unit 22 to the north, and Ashbrook/Greenwood to the south. Additionally, CEQA Transportation impacts will be reviewed to determine any potential additional VMT impacts of the new development.

2. Document Review

As part of this trip generation and VMT analysis, GHD has reviewed the City's 2030 General Plan Circulation and Transportation Element, 2010 Bicycle Master Plan, and a 2022 Vehicle Miles Traveled (VMT) Guidance study performed by GHD for the City of Galt. The proposed project's tentative subdivision site plan for the new housing development has also been evaluated based on City design standards. The purpose of the overall review was to determine the City's historic travel patterns and land uses, assess the VMT threshold for other land use projects within the City, and estimate the number of trips the new development is anticipated to generate within the community.

2.1 City of Galt 2030 General Plan

The City of Galt's 2030 General Plan's Circulation and Transportation Element identifies the city as a historical "bedroom community" where residential development is the predominant type of land development (approximately two-thirds of the city). The abundance of residential development has led to commercial, industrial, and other land uses to remain limited and underutilized. As a result of the minimal growth in employment opportunities within the City, residents of Galt commute to work outside the City.

The General Plan indicates traffic flow conditions typically peak on Tuesdays and Wednesdays, representing the high-volume traffic conditions the City generally experiences during the week. Part of the increase in traffic is due to the local Galt Market, which is a major regional shopping attraction.

2.2 City of Galt 2010 Bicycle Master Plan

Per the City of Galt's 2010 Bicycle Master Plan, a Class II bicycle route is located along East Stockton Boulevard adjacent to the location of the proposed development. An existing Class I bike/pedestrian path is located to the north and east of the proposed development. Additionally, a Class II bike route is proposed along Amador Avenue south of the development, and a Class III bike route is proposed to the east and north of the proposed development.

2.3 City VMT Guidance Study

GHD was retained by the City of Galt in 2022 to develop VMT baseline estimates/threshold recommendations for evaluating land use projects that align with the 2018 Governor's Office of Planning and Research (OPR) Technical Advisory and CEQA practices. The City of Galt travel demand model (GTDM) and Replica data were used to perform a citywide VMT analysis. **Table 2.1** presents a summary of the baselines determined within the 2022 study memorandum for residential VMT per capita and employment VMT per job in the City of Galt.

Table 2.1 2022 Study Summary: City of Galt Year 2020 Baseline VMT per Capita and VMT per Job

Area	Residential VMT per Capita	Employment VMT per Job
City of Galt Citywide Average	34.5	40.2
15% Below Baseline	**29.3**	**34.2**

Figure 2.1 referenced from the 2022 GHD VMT Guidance Study for the City of Galt presents the locations within the city where residential projects would generate an average VMT of 15% or less than the VMT baseline presented in **Table 2.1** and would not require further VMT analysis. The study concluded that projects located outside the TAZs indicated in green are not necessarily guaranteed to have a VMT impact, and further analysis would be required to determine project and location specific VMT impacts, if any.

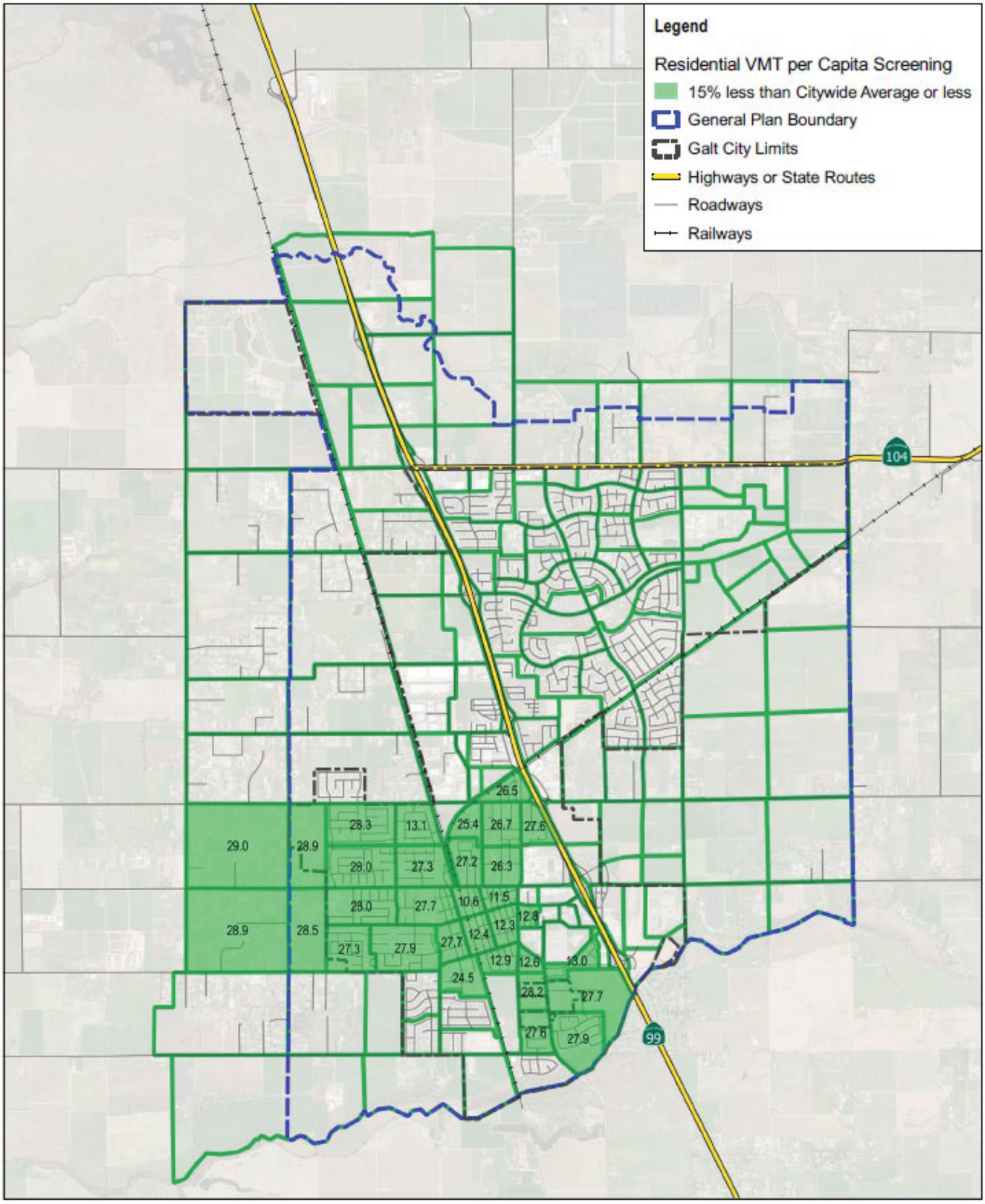


Figure 2.1 *Residential VMT per Capita Screening Map (SB 743 – Draft VMT Guidance Memorandum)*

2.4 Subdivision Site Plan

The project site plan indicates the development is planned to have one western entrance/exit on East Stockton Boulevard and one southern entrance/exit on Lyonia Drive as shown in **Figure 2.2**. The development would not connect to the existing Parkridge Drive access at the northern end of the site plan. However, the existing Class I bike/pedestrian path would be extended east-west along the northern project boundary then extend south to Lyonia Drive.

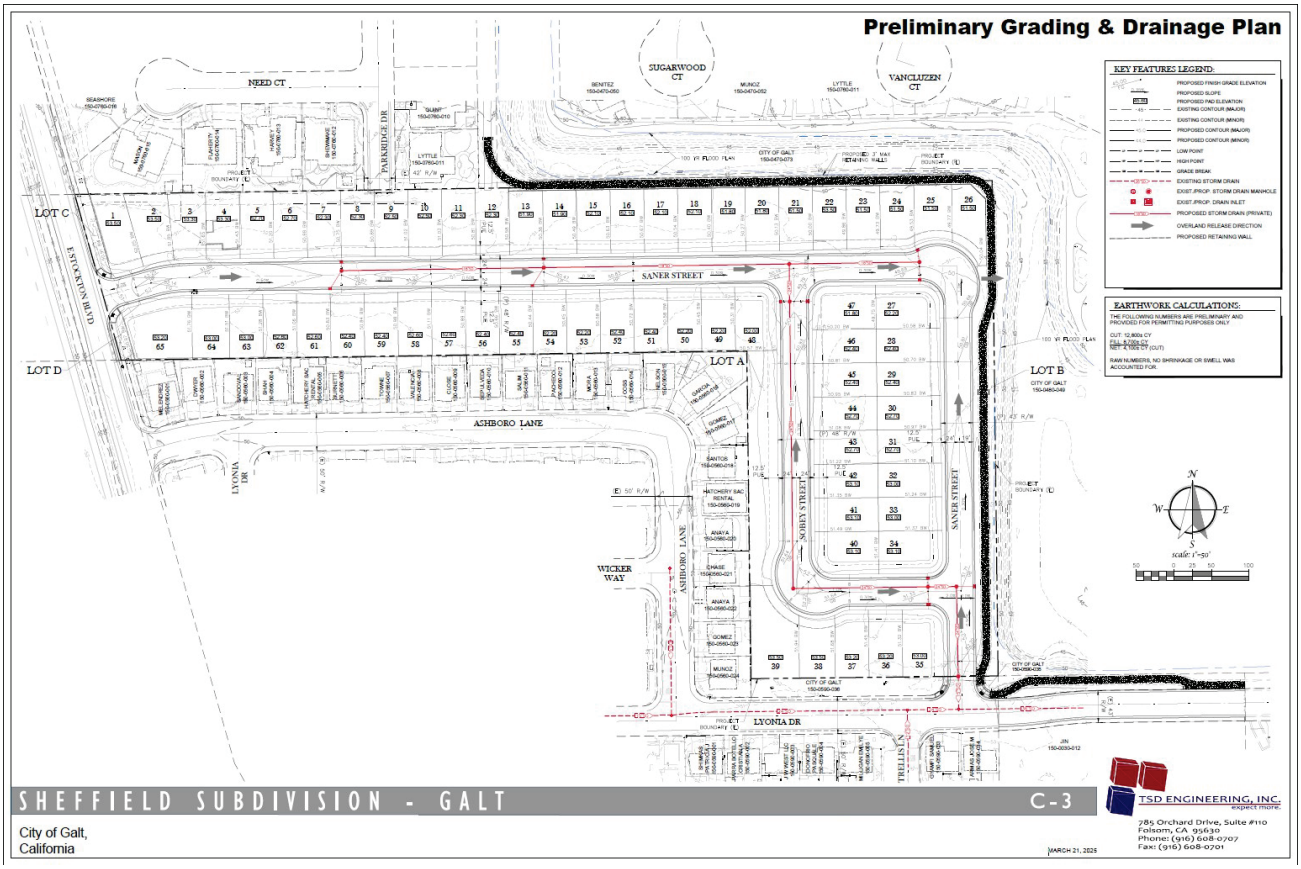


Figure 2.2 Sheffield Subdivision Site Plan

3. Existing Conditions

This section identifies the transportation system within the study area (roadways, bikeways, and transit system), describes the two existing residential communities used as a reference for the trip generation analysis, and presents the collected count data and corresponding trip generation. **Figure 3.1** presents an overview of the study area. The location of the proposed residential development is indicated in red.



Figure 3.1 Project Study Area (Image Source: Google Maps)

3.1 Transportation System

3.1.1 Roadways

State Route (SR) 99 is a north-south, four-lane, divided freeway and designated truck route that is parallel to East Stockton Boulevard within the study area. The facility serves as a primary commuter route for travel within and outside the City.

East Stockton Boulevard is a two-lane, north-south, arterial that is parallel to SR 99 within the study area. Sidewalks are located on the eastern side of the roadway fronting and connecting to the existing residential communities.

3.1.2 Bikeways

Class II bikeways are located on both sides of East Stockton Boulevard within the study area. A Class I bikeway/pedestrian path begins east of the development at Cedar Flat Avenue and continues offset from the eastern and northern sides of the development, connecting to other Class I bike/pedestrian paths in Canyon Creek Park to the east, and to Emerald Vista Park north of the development. Additionally, an existing extension of the Class I bikeway/pedestrian system begins at Parkridge Drive, continues along the perimeter of the existing housing development north of the project area. A pedestrian bridge exists crossing the creek where Lyonia Drive ends, connecting to the two pathways. As part of proposed project development, this Class I path

will be extended east-west along the northern boundary of the project site then extend south along the eastern project boundary to Lyonia Drive.

3.1.3 Transit System

South County Transit (SCT Link) provides transit services that operate within the study area through the Highway 99 Express Route, Delta Route, Galt to Sacramento Commuter Express, and Dial-A-Ride. The Dial-A-Ride service operates locally within Galt's city limits. The Highway 99 Express Route, Delta Route, and Galt to Sacramento Commuter Express operate through the study area along SR 99 and provide the City of Galt with connections to the cities of Lodi, Elk Grove, and Sacramento. There is a bus stop at City Hall on Civic Drive (serves all routes), at the Twin Cities Road Park & Ride Lot (Sacramento Commute Express), and at Fermoy Way (Delta Route).

3.2 Existing Residential Communities

There are two residential subdivisions adjacent to the proposed Sheffield development. Parkridge Drive serves as the sole access point for Emerald Park Unit 22 to the north, consisting of 25 single-family homes. Similarly, Ashboro Lane at East Stockton Boulevard and Trellis Lane at Ayers Lane serve as the only two access points for Ashbrook/Greenwood to the south, consisting of 115 single-family homes. The community Parkridge Drive serves is a low-density residential development while the community to the south served by Ashboro Lane and Trellis Lane is a medium-density residential development.

3.3 Data Collection

72-hour directional traffic counts were collected on Parkridge Drive, Ashboro Lane, and Trellis Lane to determine the typical weekday volume of traffic entering and exiting the residential communities. Counts were collected on Tuesday April 8, 2025, Wednesday April 9, 2025, and Thursday April 10, 2025 (attached). The peak hours for each access varied over the three-day collection period. **Table 3.1** presents a summary of the average daily traffic (ADT) entering and exiting the residential areas.

Table 3.1 Adjacent Residential Community ADT

	Parkridge Drive	Ashboro Lane	Trellis Lane
ADT	230	647	353

Table 3.2, Table 3.3, and **Table 3.4** present summaries of the traffic volumes entering and exiting the existing residential communities north and south of the proposed housing development.

Table 3.2 Parkridge Drive Daily and Peak Hour Entering and Exiting Traffic Volumes

Daily	Eastbound (Entering)		Westbound (Exiting)		Total
Tues, 4/8/2025	113	50%	112	50%	225
Wed, 4/9/2025	130	48%	139	52%	269
Thur, 4/10/2025	100	51%	95	49%	195
AM Peak Hour					
Tues, 4/8/2025 (7:45 AM)	7	33%	14	67%	21
Wed, 4/9/2025 (9:30 AM)	14	52%	13	48%	27
Thur, 4/10/2025 (10:45 AM)	9	45%	11	55%	20
PM Peak Hour					
Tues, 4/8/2025 (2:30 PM)	15	54%	13	46%	28
Wed, 4/9/2025 (3:15 PM)	13	46%	15	54%	28
Thur, 4/10/2025 (2:15 PM)	9	47%	10	53%	19

Table 3.3 Ashboro Lane Daily and Peak Hour Entering and Exiting Traffic Volumes

Daily	Eastbound (Entering)		Westbound (Exiting)		Total
Tues, 4/8/2025	352	52%	330	48%	682
Wed, 4/9/2025	325	52%	300	48%	625
Thur, 4/10/2025	334	53%	300	47%	634
AM Peak Hour					
Tues, 4/8/2025 (7:30 AM)	19	30%	45	70%	64
Wed, 4/9/2025 (7:30 AM)	15	30%	35	70%	50
Thur, 4/10/2025 (7:30 AM)	16	30%	37	70%	53
PM Peak Hour					
Tues, 4/8/2025 (3:15 PM)	45	63%	26	37%	71
Wed, 4/9/2025 (5:15 PM)	33	60%	22	40%	55
Thur, 4/10/2025 (4:45 PM)	36	56%	28	44%	64

Table 3.4 Trellis Lane Daily and Peak Hour Entering and Exiting Traffic Volumes

Daily	Northbound (Entering)		Southbound (Exiting)		Total
Tues, 4/8/2025	159	47%	181	53%	340
Wed, 4/9/2025	178	47%	203	53%	381
Thur, 4/10/2025	153	45%	185	55%	338
AM Peak Hour					
Tues, 4/8/2025 (7:30 AM)	16	39%	25	61%	41
Wed, 4/9/2025 (7:00 AM)	8	24%	25	76%	33
Thur, 4/10/2025 (5:45 AM)	8	24%	25	76%	33
PM Peak Hour					
Tues, 4/8/2025 (5:00 PM)	21	66%	11	34%	32
Wed, 4/9/2025 (5:15 PM)	21	57%	16	43%	37
Thur, 4/10/2025 (7:30 PM)	20	59%	14	41%	34

Ashboro Lane serves approximately three times the daily traffic entering and exiting the roadway as compared to Parkridge Drive and approximately twice the amount of daily traffic entering and exiting from Trellis Lane.

3.4 Trip Generation

Table 3.5 presents the daily, AM, and PM peak hour trip generation rates for the existing communities north and south of the proposed development calculated using the collected traffic counts. The trip generation rates presented for Ashbrook/Greenwood were calculated using counts from Ashboro Lane and Trellis Lane combined and the total number of single-family dwelling units (DUs) for that neighborhood. As previously noted, Emerald Park Unit 22 has 25 DUs and the Ashbrook/Greenwood has 115 DUs.

Table 3.5 Existing Residential Communities Trip Generation Rates

	Emerald Park Unit 22 (Parkridge Drive)		Ashbrook/Greenwood (Ashboro Lane and Trellis Lane)	
Daily	Trips/DU	Avg Trips/DU	Trips/DU	Avg Trips/DU
Tues, 4/8/2025	9.00		8.89	
Wed, 4/9/2025	10.76	9.19	8.75	8.70
Thur, 4/10/2025	7.80		8.45	
AM Peak Hour				
Tues, 4/8/2025	0.84		0.91	
Wed, 4/9/2025	1.08	0.91	0.72	0.79
Thur, 4/10/2025	0.80		0.75	
PM Peak Hour				
Tues, 4/8/2025	1.12		0.90	
Wed, 4/9/2025	1.12	1.00	0.80	0.85
Thur, 4/10/2025	0.76		0.85	

DU = Dwelling Unit

The trip generation rates for Emerald Park Unit 22 accessed through Parkridge Drive are slightly higher than the trip rates calculated for Ashbrook/Greenwood accessed through Ashboro Lane and Trellis Lane. Additionally, the trip rates for Tuesday and Wednesday are higher than the rates determined for Thursday. This aligns with the 2030 City of Galt General Plan, noting increased traffic associated with the Galt Market, a regional shopping attraction held weekly on Tuesdays and Wednesdays.

4. Project Trip Generation

Both the existing residential communities have similar characteristics due to the nature of their single-family uses. Emerald Park Unit 22 is zoned R1C (low-density), and Ashbrook/Greenwood is zoned R2 (medium density). The southern development compares more favorably in density to the proposed project due to the lot spacing and proximity between homes, and the site plan shows medium density "R2-PD" is proposed. Therefore, the average daily trip generation rate for the southern community (8.7 trips/DU) was used to calculate the project trips for the new residential development. This methodology is more specific for the proposed development than traditional rates from the Institute of Transportation Engineers (ITE), which may be based on studies that have significantly lower density. Weighted averages for the percentage of entering and exiting traffic at Ashboro Lane and Trellis Lane were used to estimate the volume of vehicles for the proposed Sheffield development's daily, AM peak hour, and PM peak hour trips. It is noted that only the estimated daily trip generation for the proposed project is used to estimate VMT per capita (consistent with City guidance). **Table 4.1** presents the projected weekday and peak hour project trip generation for the proposed 65-unit residential development along East Stockton Boulevard.

Table 4.1 Weekday Daily and Peak Hour Project Trip Generation

	Trip Rate	Entering		Exiting		Total
Daily	8.70	283	50%	283	50%	566
AM Peak Hour	0.79	15	29%	36	71%	51
PM Peak Hour	0.85	33	60%	22	40%	55

On a typical weekday, the new development is projected to generate approximately 566 daily trips. Approximately 51 trips are projected in the AM, and approximately 55 trips are projected in the PM peak hour.

5. VMT Analysis

Project-generated VMT was estimated using the number of automobile trips attributed to the project, the average trip length estimated for those trips, and average people per household. Since the VMT baseline and threshold values were determined within the 2022 VMT Guidance study (presented in **Table 2.1**), this VMT analysis utilizes the established guidance. The average daily trip rate used to estimate project trips for the new development is 8.7 trips per dwelling unit, which is based on the average daily trip generation of the existing residential units south of the project area. Based on Replica data presented in **Figure 5.1**, the average trip length for trips originating from the wider residential area where the proposed residential community is located is approximately 10.1 miles. A value of 3.11 persons per household (pph) for the City of Galt per US Census data (2019 - 2023) was used the proposed development's population.

Table 5.1 presents the estimated project VMT and the parameters utilized for the calculation of VMT.

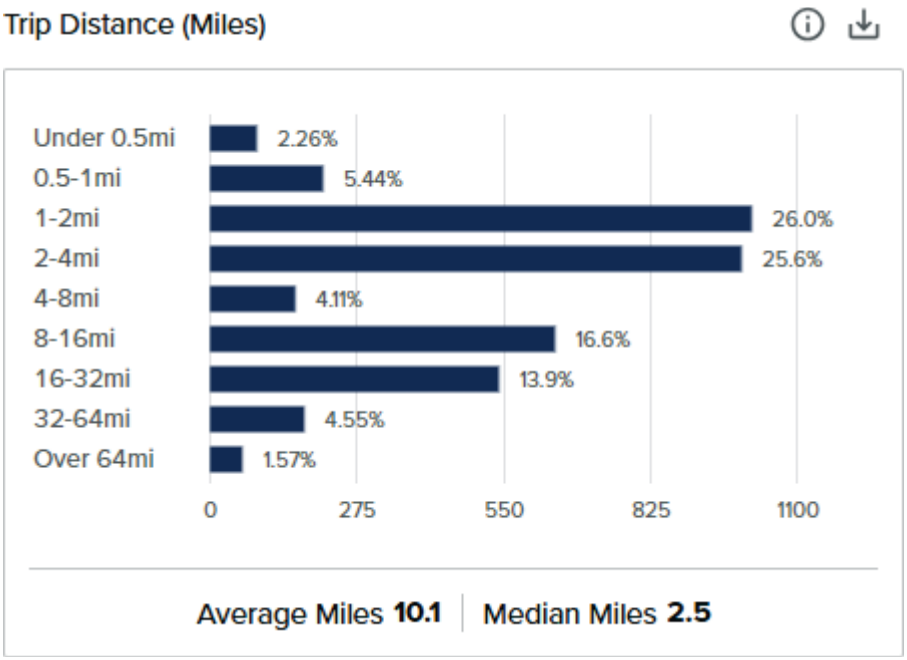


Figure 5.1 City of Galt Residential Subdivision Average Trip Distances (Replica)

Table 5.1 Estimated Project VMT and Parameters

Parameter	Value
Project number of dwelling units	65 DUs
Daily number of Project trips (utilizing average trip rate from southern residential community for consistency)	566 trips
Average trip Length (Replica data from residential subdivision where the proposed development will be located)	10.1 miles
Project VMT estimated	(566 trips x 10.1 miles) = 5,717 VMT
Citywide persons per household (US Census data for residential communities within the City of Galt)	3.11 persons per household
Project capita estimation	(3.11 persons per household x 65 DUs) = 202 people
Project VMT per capita	(5,717 VMT / 202 people) = **28.3 VMT/capita**

6. Other CEQA Transportation Impacts Analysis

GHD has reviewed the proposed project related to other potential CEQA transportation impacts, including:

– Conflicts with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities
– Substantially increases hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses
– Results in inadequate emergency access

The review included consistency with the City of Galt's General Plan Circulation Element, Bicycle Master Plan, engineering standards, and/or inadequate emergency vehicle access. To some degree, these CEQA transportation subjects have been addressed (in part) within other sections of this memorandum. However, the following section provides a more comprehensive review of these project-specific CEQA criteria.

The proposed project site is in an area just east of SR 99 and immediately off East Stockton Boulevard in central-east Galt. The area is zoned primarily for residential uses that include low-density (RIC--4 units/acre) and medium density (R2-6 units/acre). Currently, the project site is zoned for low density residential uses and would require a re-zoning to medium-density residential uses consistent with the Ashbrook/Greenwood neighborhood to the south. East Stockton Boulevard extends north-south paralleling SR 99 and is classified as a two-lane arterial street that provides access to multiple residential neighborhoods in the project study area. The project site plan indicates roadway connections to both East Stockton Boulevard and Lyonia Drive to the south, providing connections between neighborhoods as well as primary routes consistent with inter-city travel emphasized in the City's General Plan.

Conflicts with a program (etc.) addressing the circulation system:

Impact: Less than significant

The proposed project would be consistent with planned pedestrian/bicycle circulation improvements shown in the City's Bicycle Master Plan. As noted, an existing extension of the shared-use path (Deadman Gulch Trail Section) begins at Parkridge Drive and continues along the entire border of the existing Emerald Park Unit 22 housing development until terminating just east of Parkridge Drive (southern terminus). As part of proposed project development, the same Class I path will be continued from its Parkridge Drive terminus east-west along the northern boundary of the project site then extended south along the eastern project boundary to Lyonia Drive. At his point, the Class I path would connect to the existing Class I path that extends east-west along the north side of Lyonia Drive just east of the project site boundary. The proposed project also provides pedestrian sidewalks along all internal streets within the site as well as along the entire East Stockton Boulevard project frontage.

This is consistent with the Galt General Plan policies, Bicycle Master Plan, and engineering standards (*Galt General Plan 2030 & Bicycle Master Plan, 2010, Sacramento County Improvement Standards (for Galt) 2018)*.

Substantially increases hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses:

Impact: Less than significant

Based on the City of Galt engineering standards for roadway ROW sections, the proposed project site design would be consistent with roadway cross sections for 48-foot and 43-foot improvements within the development. Consistency would also be maintained with curb, gutter, and roadway improvements along East Stockton Boulevard.

Results in inadequate emergency access:

Impact: Less than significant

Emergency vehicle access would be adequate with direct and indirect access routes serving the proposed project site. A new east-west street (Saner Street) would provide direct access into the project site extending east from East Stockton Boulevard. Saner Street would then extend south through the project site and connect with Lyonia Drive providing a secondary access intersection in/out of the site. Lyonia Drive provides access to both Ashboro Lane and Trellis Lane which allow access to East Stockton Boulevard directly (Ashboro Lane) and indirectly (Trellis Lane to Ayers Lane). It is noted that Parkridge Drive is located immediately north of the proposed project and serves the Emerald Park Unit 22 neighborhood. Parkridge Drive terminates immediately at the boundary of the proposed project site but is not shown to extend south to Saner Street as part of the project site plan. Given the two access points proposed for ingress and egress for the project, this is adequate for emergency access based on Galt Municipal Code §503.1.2.1.

7. Conclusions

The following conclusions are based on the results of the trip generation and VMT analysis.

- The average weekday trip generation rates for Emerald Park Unit 22 are slightly higher than Ashbrook/Greenwood. Additionally, both communities have similar characteristics, but Ashbrook/Greenwood's density compares more favorably to the proposed project, being medium density residential. Therefore, the average daily trip generation rates for the southern community (8.70 trips/DU) were used as a reference for calculating the projected trips for the new residential development.
- 566 daily trips are projected to be generated by the proposed development. 51 trips are projected for the AM peak hour, and 55 trips are projected for the PM peak hour.
- The proposed project is estimated to generate a VMT of approximately 5,717 miles, resulting in a Project VMT per capita of 28.3. The resulting VMT per capita is below the threshold for the City of Galt, which is 15% below the baseline citywide average for residential VMT per capita (29.3). Therefore, the Project is projected to result in a less than significant VMT impact and does not require mitigation for VMT.
- The proposed project was found to be consistent (no impacts) with other CEQA transportation criteria associated with the City of Galt's General Plan Circulation Element, Bicycle Master Plan, engineering standards, and emergency vehicle access.

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Galt
Ashboro Lane
E/ Stockton Boulevard
72 Hour Directional Volume Count

GLT002
Site Code: 223-25335

Start Time	4/8/25 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	3			0	4				
12:15		3	6			2	3				
12:30		1	6			0	0				
12:45		2	6	7	21	1	2	3	9	10	30
01:00		0	3			0	6				
01:15		0	3			0	2				
01:30		0	5			2	2				
01:45		0	6	0	17	0	5	2	15	2	32
02:00		1	4			0	3				
02:15		0	4			0	5				
02:30		0	10			0	6				
02:45		0	6	1	24	2	3	2	17	3	41
03:00		0	10			0	**6**				
03:15		0	**8**			1	**4**				
03:30		0	**13**			0	**8**				
03:45		0	**13**	0	44	0	**9**	1	27	1	71
04:00		1	**11**			0	5				
04:15		1	4			1	5				
04:30		1	9			3	7				
04:45		1	11	4	35	2	4	6	21	10	56
05:00		0	10			3	6				
05:15		0	6			7	4				
05:30		0	5			6	4				
05:45		1	12	1	33	5	6	21	20	22	53
06:00		2	5			6	1				
06:15		2	8			5	5				
06:30		0	6			8	6				
06:45		1	7	5	26	5	5	24	17	29	43
07:00		1	4			1	2				
07:15		3	6			7	0				
07:30		3	5			**9**	6				
07:45		**4**	6	11	21	**14**	3	31	11	42	32
08:00		**7**	7			**8**	4				
08:15		**5**	2			**14**	2				
08:30		**6**	6			6	3				
08:45		2	3	20	18	3	1	31	10	51	28
09:00		3	5			5	2				
09:15		0	2			2	0				
09:30		5	0			5	1				
09:45		3	3	11	10	3	2	15	5	26	15
10:00		3	1			7	2				
10:15		4	5			4	2				
10:30		4	1			5	0				
10:45		3	2	14	9	6	0	22	4	36	13
11:00		4	3			5	1				
11:15		2	1			3	0				
11:30		4	1			3	0				
11:45		4	1	14	6	4	0	15	1	29	7
Total		88	264	88	264	173	157	173	157	261	421
Combined Total		352		352		330		330		682	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	22	-	-	-	45	-	-	-	-	-
P.H.F.		0.786				0.804					
PM Peak	-	-	03:15	-	-	-	03:00	-	-	-	-
Vol.	-	-	45	-	-	-	27	-	-	-	-
P.H.F.			0.865				0.750				
Percentage		25.0%	75.0%			52.4%	47.6%				

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Galt
Ashboro Lane
E/ Stockton Boulevard
72 Hour Directional Volume Count

GLT002
Site Code: 223-25335

Start Time	4/9/25 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		1	3			0	6				
12:15		1	5			0	2				
12:30		1	4			1	5				
12:45		1	5	4	17	1	7	2	20	6	37
01:00		1	6			1	3				
01:15		2	6			3	4				
01:30		0	9			1	7				
01:45		1	3	4	24	1	3	6	17	10	41
02:00		1	1			0	1				
02:15		1	4			0	6				
02:30		1	12			1	**3**				
02:45		0	6	3	23	2	**7**	3	17	6	40
03:00		2	5			0	**4**				
03:15		0	9			0	**8**				
03:30		0	8			2	2				
03:45		0	8	2	30	0	4	2	18	4	48
04:00		0	7			0	2				
04:15		0	8			2	3				
04:30		3	5			3	1				
04:45		0	**6**	3	26	2	3	7	9	10	35
05:00		1	**8**			4	1				
05:15		0	**12**			3	6				
05:30		0	**7**			9	5				
05:45		0	6	1	33	1	4	17	16	18	49
06:00		1	8			7	7				
06:15		1	11			4	3				
06:30		2	6			8	4				
06:45		2	5	6	30	8	1	27	15	33	45
07:00		2	6			3	7				
07:15		2	5			6	3				
07:30		0	3			**9**	2				
07:45		**4**	2	8	16	**11**	0	29	12	37	28
08:00		**5**	3			**7**	2				
08:15		**6**	6			**8**	1				
08:30		**3**	3			2	3				
08:45		2	5	16	17	5	2	22	8	38	25
09:00		1	5			3	2				
09:15		3	6			2	4				
09:30		4	3			6	2				
09:45		2	4	10	18	5	0	16	8	26	26
10:00		3	2			5	2				
10:15		0	1			4	1				
10:30		3	2			4	0				
10:45		5	2	11	7	3	0	16	3	27	10
11:00		4	2			3	1				
11:15		1	0			3	0				
11:30		4	2			2	0				
11:45		3	0	12	4	1	0	9	1	21	5
Total		80	245	80	245	156	144	156	144	236	389
Combined Total		325		325		300		300		625	
AM Peak	-	07:45	-	-	-	07:30	-	-	-	-	-
Vol.	-	18	-	-	-	35	-	-	-	-	-
P.H.F.		0.750				0.795					
PM Peak	-	-	04:45	-	-	-	02:30	-	-	-	-
Vol.	-	-	33	-	-	-	22	-	-	-	-
P.H.F.			0.688				0.688				
Percentage		24.6%	75.4%			52.0%	48.0%				

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Galt
Ashboro Lane
E/ Stockton Boulevard
72 Hour Directional Volume Count

GLT002
Site Code: 223-25335

Start	4/10/25	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Thu	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	6			0	4				
12:15		2	6			0	6				
12:30		1	2			0	1				
12:45		2	5	6	19	0	3	0	14	6	33
01:00		2	5			1	1				
01:15		1	6			0	7				
01:30		0	6			1	5				
01:45		0	3	3	20	1	3	3	16	6	36
02:00		0	3			0	2				
02:15		0	4			0	2				
02:30		0	8			0	2				
02:45		0	5	0	20	2	3	2	9	2	29
03:00		2	5			0	**7**				
03:15		1	9			1	**6**				
03:30		1	8			2	**7**				
03:45		0	14	4	36	0	**8**	3	28	7	64
04:00		0	5			1	4				
04:15		0	4			4	2				
04:30		2	5			1	0				
04:45		0	**9**	2	23	2	4	8	10	10	33
05:00		1	**10**			2	8				
05:15		0	**13**			5	5				
05:30		0	**8**			9	7				
05:45		1	9	2	40	3	3	19	23	21	63
06:00		2	7			7	8				
06:15		2	8			2	3				
06:30		0	5			8	3				
06:45		1	10	5	30	5	5	22	19	27	49
07:00		1	4			7	5				
07:15		3	9			3	2				
07:30		**4**	2			**8**	2				
07:45		**3**	4	11	19	**14**	3	32	12	43	31
08:00		**4**	10			**6**	2				
08:15		**5**	7			**9**	4				
08:30		3	8			3	3				
08:45		3	5	15	30	1	1	19	10	34	40
09:00		3	4			1	2				
09:15		4	3			7	2				
09:30		2	3			5	0				
09:45		0	0	9	10	2	1	15	5	24	15
10:00		1	3			3	2				
10:15		2	3			3	0				
10:30		2	1			3	1				
10:45		3	0	8	7	6	0	15	3	23	10
11:00		3	2			1	0				
11:15		0	2			4	0				
11:30		5	3			2	0				
11:45		0	0	8	7	6	0	13	0	21	7
Total		73	261	73	261	151	149	151	149	224	410
Combined Total		334		334		300		300		634	
AM Peak	-	07:30	-	-	-	07:30	-	-	-	-	-
Vol.	-	16	-	-	-	37	-	-	-	-	-
P.H.F.		0.800				0.661					
PM Peak	-	-	04:45	-	-	-	03:00	-	-	-	-
Vol.	-	-	40	-	-	-	28	-	-	-	-
P.H.F.			0.769				0.875				
Percentage		21.9%	78.1%			50.3%	49.7%				
ADT/AADT		ADT 647		AADT 647							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Galt
Parkridge Drive
E/ Stockton Boulevard
72 Hour Directional Volume Count

GLT001
Site Code: 223-25335

Start Time	4/8/25 Tue	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	4			1	1				
12:15		0	0			0	1				
12:30		0	2			0	1				
12:45		0	2	0	8	0	0	1	3	1	11
01:00		0	1			1	1				
01:15		0	1			0	1				
01:30		0	1			0	2				
01:45		0	1	0	4	0	1	1	5	1	9
02:00		0	2			0	**2**				
02:15		0	1			0	**5**				
02:30		0	**4**			0	**4**				
02:45		0	**4**	0	11	0	**5**	0	16	0	27
03:00		0	**3**			0	1				
03:15		0	**4**			0	3				
03:30		0	4			0	2				
03:45		0	2	0	13	0	4	0	10	0	23
04:00		0	2			0	0				
04:15		0	3			0	1				
04:30		0	2			0	4				
04:45		0	1	0	8	0	0	0	5	0	13
05:00		0	2			0	1				
05:15		0	4			1	1				
05:30		0	4			1	1				
05:45		0	2	0	12	0	1	2	4	2	16
06:00		0	1			0	0				
06:15		0	1			1	1				
06:30		0	2			1	3				
06:45		0	1	0	5	1	2	3	6	3	11
07:00		1	4			2	1				
07:15		0	3			1	1				
07:30		0	4			2	4				
07:45		3	1	4	12	**3**	1	8	7	12	19
08:00		0	1			**6**	1				
08:15		3	1			**2**	1				
08:30		1	1			**3**	0				
08:45		1	0	5	3	0	0	11	2	16	5
09:00		3	0			3	0				
09:15		1	1			3	1				
09:30		2	0			1	0				
09:45		1	2	7	3	3	0	10	1	17	4
10:00		1	0			3	0				
10:15		**1**	0			2	0				
10:30		**2**	0			2	1				
10:45		**3**	1	7	1	2	0	9	1	16	2
11:00		**3**	1			3	1				
11:15		0	0			0	0				
11:30		3	0			1	0				
11:45		3	0	9	1	2	0	6	1	15	2
Total		32	81	32	81	51	61	51	61	83	142
Combined Total		113		113		112		112		225	
AM Peak	-	10:15	-	-	-	07:45	-	-	-	-	-
Vol.	-	9	-	-	-	14	-	-	-	-	-
P.H.F.		0.750				0.583					
PM Peak	-	-	02:30	-	-	-	02:00	-	-	-	-
Vol.	-	-	15	-	-	-	16	-	-	-	-
P.H.F.			0.938				0.800				
Percentage		28.3%	71.7%			45.5%	54.5%				

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Galt
Parkridge Drive
E/ Stockton Boulevard
72 Hour Directional Volume Count

GLT001
Site Code: 223-25335

Start Time	4/9/25 Wed	Eastbound Morning	Eastbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Westbound Morning	Westbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	1			0	1				
12:15		0	4			0	**1**				
12:30		0	2			1	**4**				
12:45		0	1	0	8	0	**5**	1	11	1	19
01:00		0	**5**			0	**5**				
01:15		0	**6**			0	0				
01:30		0	**2**			0	3				
01:45		0	**2**	0	15	0	2	0	10	0	25
02:00		0	1			0	2				
02:15		0	0			0	0				
02:30		0	4			0	2				
02:45		0	2	0	7	0	2	0	6	0	13
03:00		0	3			0	2				
03:15		0	4			0	4				
03:30		0	4			0	2				
03:45		0	4	0	15	0	4	0	12	0	27
04:00		0	1			0	5				
04:15		1	4			1	1				
04:30		0	1			0	1				
04:45		0	3	1	9	1	2	2	9	3	18
05:00		1	4			1	0				
05:15		0	3			1	2				
05:30		0	2			0	3				
05:45		0	1	1	10	0	1	2	6	3	16
06:00		0	3			1	1				
06:15		0	3			1	3				
06:30		0	1			1	3				
06:45		0	3	0	10	3	0	6	7	6	17
07:00		2	2			3	3				
07:15		2	2			3	2				
07:30		0	2			2	0				
07:45		2	0	6	6	3	0	11	5	17	11
08:00		3	1			**6**	0				
08:15		0	1			**3**	0				
08:30		0	0			**3**	1				
08:45		2	1	5	3	**4**	0	16	1	21	4
09:00		3	0			2	1				
09:15		2	0			1	0				
09:30		**3**	3			4	0				
09:45		**0**	1	8	4	2	1	9	2	17	6
10:00		**4**	0			5	0				
10:15		**7**	1			2	0				
10:30		1	1			0	0				
10:45		2	0	14	2	2	0	9	0	23	2
11:00		2	0			6	0				
11:15		1	0			5	0				
11:30		0	0			0	0				
11:45		3	0	6	0	3	0	14	0	20	0
Total		41	89	41	89	70	69	70	69	111	158
Combined Total		130		130		139		139		269	
AM Peak	-	09:30	-	-	-	08:00	-	-	-	-	-
Vol.	-	14	-	-	-	16	-	-	-	-	-
P.H.F.		0.500				0.667					
PM Peak	-	-	01:00	-	-	-	00:15	-	-	-	-
Vol.	-	-	15	-	-	-	15	-	-	-	-
P.H.F.			0.625				0.750				
Percentage		31.5%	68.5%			50.4%	49.6%				

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Galt
Parkridge Drive
E/ Stockton Boulevard
72 Hour Directional Volume Count

GLT001
Site Code: 223-25335

Start	4/10/25	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
Time	Thu	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	1			0	0				
12:15		1	3			0	3				
12:30		0	0			0	0				
12:45		0	1	2	5	0	2	0	5	2	10
01:00		0	1			0	1				
01:15		0	2			0	1				
01:30		0	2			0	2				
01:45		1	0	1	5	0	1	0	5	1	10
02:00		0	2			0	0				
02:15		0	0			0	**4**				
02:30		0	**3**			0	**3**				
02:45		0	**4**	0	9	0	**2**	0	9	0	18
03:00		0	**2**			0	**1**				
03:15		0	**3**			1	0				
03:30		0	3			0	1				
03:45		0	1	0	9	0	5	1	7	1	16
04:00		0	0			0	0				
04:15		1	4			0	2				
04:30		0	1			0	1				
04:45		0	3	1	8	0	1	0	4	1	12
05:00		0	0			1	1				
05:15		0	2			0	0				
05:30		1	2			0	1				
05:45		0	2	1	6	2	1	3	3	4	9
06:00		0	5			0	3				
06:15		0	1			2	0				
06:30		0	1			2	1				
06:45		0	1	0	8	3	0	7	4	7	12
07:00		0	1			1	0				
07:15		0	1			**1**	0				
07:30		1	1			**5**	0				
07:45		3	2	4	5	**3**	2	10	2	14	7
08:00		2	3			**3**	1				
08:15		0	0			0	0				
08:30		1	1			2	0				
08:45		1	0	4	4	1	0	6	1	10	5
09:00		0	0			0	1				
09:15		0	4			1	2				
09:30		2	0			3	0				
09:45		2	0	4	4	4	0	8	3	12	7
10:00		2	1			1	0				
10:15		2	0			2	0				
10:30		1	0			1	0				
10:45		2	1	7	2	3	0	7	0	14	2
11:00		**3**	0			3	1				
11:15		**1**	0			4	0				
11:30		**3**	0			1	0				
11:45		**4**	0	11	0	1	0	9	1	20	1
Total		35	65	35	65	51	44	51	44	86	109
Combined Total		100		100		95		95		195	
AM Peak	-	11:00	-	-	-	07:15	-	-	-	-	-
Vol.	-	11	-	-	-	12	-	-	-	-	-
P.H.F.		0.688				0.600					
PM Peak	-	-	02:30	-	-	-	02:15	-	-	-	-
Vol.	-	-	12	-	-	-	10	-	-	-	-
P.H.F.			0.750				0.625				
Percentage		35.0%	65.0%			53.7%	46.3%				
ADT/AADT		ADT 230		AADT 230							

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Galt
Trellis Lane
N/ Ayers Lane
72 Hour Directional Volume Count

GLT003
Site Code: 223-25335

Start Time	4/8/25 Tue	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	1			0	1				
12:15		1	0			0	2				
12:30		0	4			0	1				
12:45		0	1	1	6	0	4	0	8	1	14
01:00		1	2			0	1				
01:15		0	1			0	1				
01:30		0	0			0	1				
01:45		0	3	1	6	0	4	0	7	1	13
02:00		0	2			0	1				
02:15		0	5			0	4				
02:30		0	5			0	3				
02:45		0	0	0	12	0	6	0	14	0	26
03:00		0	3			0	1				
03:15		0	4			0	4				
03:30		0	1			0	2				
03:45		1	6	1	14	2	**6**	2	13	3	27
04:00		0	5			0	**2**				
04:15		0	3			0	**4**				
04:30		0	3			1	**3**				
04:45		0	1	0	12	0	0	1	9	1	21
05:00		0	3			2	2				
05:15		0	**8**			2	6				
05:30		0	**3**			3	2				
05:45		0	**7**	0	21	2	1	9	11	9	32
06:00		0	**4**			0	0				
06:15		0	7			2	6				
06:30		1	3			3	2				
06:45		1	4	2	18	3	3	8	11	10	29
07:00		1	1			**8**	1				
07:15		1	2			**6**	0				
07:30		**2**	1			**5**	2				
07:45		**5**	2	9	6	**11**	3	30	6	39	12
08:00		**4**	2			2	1				
08:15		**5**	4			7	2				
08:30		2	0			3	0				
08:45		1	1	12	7	3	1	15	4	27	11
09:00		0	3			3	1				
09:15		4	1			0	3				
09:30		1	4			4	2				
09:45		2	1	7	9	2	0	9	6	16	15
10:00		2	0			1	2				
10:15		0	0			2	1				
10:30		2	0			3	0				
10:45		2	0	6	0	1	0	7	3	13	3
11:00		2	0			3	0				
11:15		1	0			3	0				
11:30		3	0			1	0				
11:45		3	0	9	0	1	0	8	0	17	0
Total		48	111	48	111	89	92	89	92	137	203
Combined Total		159		159		181		181		340	
AM Peak	-	07:30	-	-	-	07:00	-	-	-	-	-
Vol.	-	16	-	-	-	30	-	-	-	-	-
P.H.F.		0.800				0.682					
PM Peak	-	-	05:15	-	-	-	03:45	-	-	-	-
Vol.	-	-	22	-	-	-	15	-	-	-	-
P.H.F.			0.688				0.625				
Percentage		30.2%	69.8%			49.2%	50.8%				

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Galt
Trellis Lane
N/ Ayers Lane
72 Hour Directional Volume Count

GLT003
Site Code: 223-25335

Start Time	4/9/25 Wed	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	3			0	1				
12:15		0	1			0	4				
12:30		0	0			0	1				
12:45		1	1	1	5	0	1	0	7	1	12
01:00		1	0			0	1				
01:15		1	5			0	3				
01:30		0	6			0	3				
01:45		0	0	2	11	0	**4**	0	11	2	22
02:00		0	2			0	**1**				
02:15		0	4			2	**5**				
02:30		0	9			0	**10**				
02:45		0	1	0	16	1	2	3	18	3	34
03:00		0	3			0	1				
03:15		0	3			0	1				
03:30		0	4			0	6				
03:45		1	5	1	15	0	5	0	13	1	28
04:00		0	1			1	4				
04:15		0	6			0	4				
04:30		0	4			2	3				
04:45		0	4	0	15	1	2	4	13	4	28
05:00		0	4			2	3				
05:15		2	**6**			1	6				
05:30		0	**2**			4	1				
05:45		0	**4**	2	16	3	4	10	14	12	30
06:00		0	**9**			1	5				
06:15		1	3			2	3				
06:30		2	1			6	3				
06:45		0	4	3	17	1	0	10	11	13	28
07:00		1	2			**11**	1				
07:15		2	1			**2**	0				
07:30		1	2			**4**	1				
07:45		4	3	8	8	**8**	1	25	3	33	11
08:00		2	2			3	1				
08:15		3	3			4	1				
08:30		0	2			2	1				
08:45		0	2	5	9	3	2	12	5	17	14
09:00		2	1			0	3				
09:15		0	3			0	1				
09:30		1	1			4	3				
09:45		**5**	1	8	6	0	3	4	10	12	16
10:00		**1**	2			0	3				
10:15		**2**	3			4	1				
10:30		**4**	1			2	2				
10:45		3	3	10	9	2	0	8	6	18	15
11:00		1	3			4	0				
11:15		2	0			1	1				
11:30		2	1			3	1				
11:45		2	0	7	4	6	0	14	2	21	6
Total		47	131	47	131	90	113	90	113	137	244
Combined Total		178		178		203		203		381	
AM Peak	-	09:45	-	-	-	07:00	-	-	-	-	-
Vol.	-	12	-	-	-	25	-	-	-	-	-
P.H.F.		0.600				0.568					
PM Peak	-	-	05:15	-	-	-	01:45	-	-	-	-
Vol.	-	-	21	-	-	-	20	-	-	-	-
P.H.F.			0.583				0.500				
Percentage		26.4%	73.6%			44.3%	55.7%				

Counts Unlimited, Inc

PO Box 1178
Corona, CA 92878
Phone: 951-268-6268
email: counts@countsunlimited.com

City of Galt
Trellis Lane
N/ Ayers Lane
72 Hour Directional Volume Count

GLT003
Site Code: 223-25335

Start Time	4/10/25 Thu	Northbound Morning	Northbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Southbound Morning	Southbound Afternoon	Hour Totals Morning	Hour Totals Afternoon	Combined Totals Morning	Combined Totals Afternoon
12:00		0	0			0	0				
12:15		0	2			0	5				
12:30		0	2			1	2				
12:45		0	0	0	4	0	0	1	7	1	11
01:00		0	1			0	0				
01:15		0	2			0	1				
01:30		0	0			0	1				
01:45		0	3	0	6	0	1	0	3	0	9
02:00		0	1			0	0				
02:15		0	2			0	3				
02:30		0	4			0	7				
02:45		1	5	1	12	0	0	0	10	1	22
03:00		0	1			0	4				
03:15		0	3			0	3				
03:30		0	4			0	2				
03:45		1	**7**	1	15	1	5	1	14	2	29
04:00		0	**6**			1	2				
04:15		0	**3**			0	1				
04:30		0	**5**			2	4				
04:45		0	2	0	16	1	3	4	10	4	26
05:00		1	4			2	2				
05:15		0	2			3	7				
05:30		0	5			5	3				
05:45		0	6	1	17	1	1	11	13	12	30
06:00		0	6			2	3				
06:15		0	3			3	**4**				
06:30		0	5			4	**6**				
06:45		0	1	0	15	2	**3**	11	16	11	31
07:00		0	2			**5**	**5**				
07:15		1	4			**5**	1				
07:30		1	2			**6**	2				
07:45		3	3	5	11	**9**	2	25	10	30	21
08:00		**3**	3			4	2				
08:15		**1**	3			6	2				
08:30		**2**	2			3	2				
08:45		**4**	2	10	10	1	2	14	8	24	18
09:00		1	2			1	1				
09:15		1	4			2	0				
09:30		0	4			0	1				
09:45		2	1	4	11	1	2	4	4	8	15
10:00		2	2			1	2				
10:15		0	1			2	3				
10:30		0	0			1	0				
10:45		2	2	4	5	0	0	4	5	8	10
11:00		0	0			1	1				
11:15		2	1			3	1				
11:30		0	0			1	2				
11:45		2	0	4	1	1	0	6	4	10	5
Total		30	123	30	123	81	104	81	104	111	227
Combined Total		153		153		185		185		338	
AM Peak	-	08:00	-	-	-	07:00	-	-	-	-	-
Vol.	-	10	-	-	-	25	-	-	-	-	-
P.H.F.		0.625				0.694					
PM Peak	-	-	03:45	-	-	-	06:15	-	-	-	-
Vol.	-	-	21	-	-	-	18	-	-	-	-
P.H.F.			0.750				0.643				
Percentage		19.6%	80.4%			43.8%	56.2%				
ADT/AADT		ADT 353		AADT 353							