City of Roseville

Washington Boulevard at All America City Boulevard (WAAC) Roundabout Project

Draft Initial Study and Mitigated Negative Declaration

Prepared for
City of Roseville
Department of Public Works
311 Vernon Street
Roseville, California 95678

Prepared by
Kimley-Horn and Associates
555 Capital Mall, Suite 300
Sacramento, CA 95814

October 2020

Table of Contents

1.0 Introduction 5
1.1 Purpose and Scope of the Initial Study 5
1.2 Summary of Findings 6
1.3 Initial Study Public Review Process 6
1.4 Report Organization 6
2.0 Description of Proposed Project 7
2.1 Project Overview 7
2.2 Project Location 7
2.3 Project Background and Previous Planning Studies 7
2.4 Project Objectives 10
2.5 Project Description 11
3.0 Initial Study Checklist 25
4.0 Environmental Analysis 29
4.1 Aesthetics 30
4.2 Agriculture and Forestry Resources 34
4.3 Air Quality 37
4.4 Biological Resources 48
4.5 Cultural Resources 63
4.6 Energy 69
4.7 Geology and Soils 73
4.8 Greenhouse Gas Emissions 79
4.9 Hazards and Hazardous Materials 83
4.10 Hydrology and Water Quality 90
4.11 Land Use and Planning 98
4.12 Mineral Resources 102
4.13 Noise 104
4.14 Population and Housing 113
4.15 Public Services 115
4.16 Recreation 118
4.17 Transportation 120
4.18 Tribal Cultural Resources 124

4.19 Utilities and Service Systems 129
4.20 Wildfire 133
4.21 Mandatory Findings of Significance 136

Appendices

A. Air Quality and Greenhouse Gas Emissions Modeling Data
B. Biological Resources Reports
C. Cultural Resources Study
D. Phase 1 – Hazardous Materials
E. Drainage Memorandum
F. Traffic Impact Memorandum
G. Noise Memorandum

1.0 INTRODUCTION

The City of Roseville, as the Lead Agency, has prepared this Initial Study for the Washington Boulevard at All America City Boulevard (WAAC) Roundabout Project (proposed project) in compliance with the California Environmental Quality Act (CEQA), the CEQA Guidelines (Title 14, California Code of Regulations §15000 et. seq.) and the regulations and policies of the City of Roseville, California.

The proposed project includes improvements at the unsignalized intersection of Washington Boulevard and All America City Boulevard and Lincoln Street. Improvements include installation of a roundabout that would maintain the multilane configuration of Washington Boulevard and would include single lane approaches and departures from All America City Boulevard on the west and dual entry and exit configuration at Lincoln Street on the east. The proposed project would include improvements for pedestrian and bicycle travel with a multiuse trail, bike lane, improvements to the existing crosswalk on All America City Boulevard, a new crosswalk across Lincoln Street and two new crosswalks on Washington Boulevard. The proposed improvements would enhance safety and accessibility for bicyclists and pedestrians, improve roadway aesthetics, and reduce vehicle emissions by improving the efficiency of traffic conduction. This Initial Study evaluates the environmental impacts that might reasonably be anticipated to result from implementation of the proposed project.

1.1 Purpose and Scope of the Initial Study

The proposed project is intended to provide increased bicycle, pedestrian, and vehicular safety. Washington Boulevard is an undivided arterial roadway at the intersection but is divided with a landscaped center median approximately 575 feet to the south of the intersection with All America City Boulevard. Washington Boulevard has two through lanes (in each direction) and westbound and eastbound turn pockets at the intersection. The current intersection is unsignalized and there are no traffic control devices for vehicles on Washington Boulevard at the intersection. In addition, due to the oblique angles of the intersection resulting from the curved alignment of Washington Boulevard and diverging angle of Lincoln Street, vehicular, bicycle, and pedestrian safety are a concern.

All America City Boulevard intersects Washington Boulevard on the west and is designated as a minor arterial in the City of Roseville General Plan (RGP). All America City Boulevard has single lanes in each direction and a designated stop controlled northbound turn lane at Washington Boulevard. Lincoln Street intersects the easterly side of Washington Boulevard and is an undivided street with one lane in each direction and no designated turn lanes. Vehicles can turn north or south from the stop-controlled intersection with Washington Boulevard. Other than two stop signs at All America City Boulevard and Lincoln Street the intersection is uncontrolled.

Existing bicycle and pedestrian facilities consist of a Class 2 bike lane for northbound and southbound directions and sidewalks on the west side of Washington Boulevard. No pedestrian facilities are provided on the east side of Washington Boulevard. There are no pedestrian crosswalks in the project area with the exception of the crosswalk at the All America City Boulevard intersection with Washington Boulevard.

The proposed project would improve intersection operations and existing roadway configurations. The roundabout is needed to facilitate circulation for traffic conduction by eliminating the need for the current stop-controlled traffic sign, and to calm traffic by reducing the speed at which drivers currently proceed

through the intersection. The roundabout would enhance safety at the intersections with new and improved pedestrian crossings for all three roadways and enhance multi-modal transportation alternatives with a new multiuse trail, sidewalks, and bike lane. Specifically, the roundabout would directly improve safety for bicyclists, pedestrians, and vehicles by calming traffic and providing designated crosswalks to enable safe crossing of Washington Boulevard, All America City Boulevard, and Lincoln Street.

1.2 Summary of Findings

This IS/MND concludes that the proposed project would have potentially significant but mitigable impacts on air quality, biological resources, cultural resources, and geological resources and hazardous materials, as described in Section 4 (Environmental Analyses). This IS/MND identifies a variety of mitigation measures that the City would implement to avoid or minimize potentially significant impacts on sensitive environmental resources. Implementation of these measures, in addition to project BMPs identified in Section 2.5.1, would further reduce the potential impacts to a less-than-significant level.

1.3 Initial Study Public Review Process

An Initial Study (IS) is a preliminary analysis which is prepared to determine the relative environmental impacts associated with a proposed project. It is designed as a measuring mechanism to determine if a project would have a significant adverse effect on the environment, thereby triggering the need to prepare a full Environmental Impact Report (EIR). It also functions as an evidentiary document containing information which supports conclusions that the project would not have a significant environmental impact or that the impacts can be mitigated to a "Less Than Significant" or "No Impact" level.

If there is no substantial evidence, in light of the whole record before the agency, that the project may have a significant effect on the environment, the agency shall prepare a Negative Declaration (ND). If the IS identifies potentially significant effects, but: (1) revisions in the project plans or proposals would avoid the effects or mitigate the effects to a point where clearly no significant effects would occur, and (2) there is no substantial evidence, in light of the whole record before the agency, that the project as revised may have a significant effect on the environment, then a Mitigated Negative Declaration (MND) shall be prepared.

1.4 Report Organization

This document has been organized into the following sections:

Section 1.0 – Introduction. This section provides an introduction and overview describing the conclusions of the Initial Study.

Section 2.0 – Project Description. This section identifies key project characteristics and includes a list of anticipated discretionary actions.

Section 3.0 – Initial Study Checklist. The Environmental Checklist Form provides an overview of the potential impacts that may or may not result from project implementation.

Section 4.0 – Environmental Analysis. This section contains an analysis of environmental impacts identified in the environmental checklist.

2.0 DESCRIPTION OF PROPOSED PROJECT

2.1 Project Overview

The proposed project would provide enhanced bicycle, pedestrian, and vehicular safety by improving the intersection at Washington Boulevard, All America City Boulevard, and Lincoln Street. Washington Boulevard serves as a critical arterial road in the area and provides direct access to the central business district in Downtown Roseville to the south, and residential, recreational, and other commercial centers to the north. In addition, the intersection provides direct access to residential uses, Bradford Woodbridge Fundamental Elementary School, and Placer County @ the Grounds.

The project is focused on the Washington Boulevard at All America Boulevard intersection and would consist of a roundabout that would maintain the multilane configuration for the north and southbound directions along Washington Boulevard. The roundabout also includes a single lane approach and departure from All America City Boulevard, and a dual entry and exit configuration at Lincoln Street. The proposed project would also facilitate pedestrian improvements including a multiuse trail, bike lane, improvements to the existing crosswalk on All America City Boulevard, and new crosswalks on Washington Boulevard and Lincoln Street. The improvements proposed by this project are a response to the existing conditions of the intersection, which currently contains no traffic control devices, is unsignalized other than stop signs, and has no crosswalks or designated crossings for bicyclists or pedestrians (apart from a crosswalk on All America City Boulevard). This Initial Study evaluates the environmental impacts that might reasonably be anticipated to result from implementation of the proposed project.

2.2 Project Location

The project site is located within intersection of Washington Boulevard, All America City Boulevard, and Lincoln Street in the City of Roseville (City), County of Placer, State of California. The project site extends approximately 400 feet along Washington Boulevard to the north and south, approximately 250 feet within All America City Boulevard to the west, and approximately 400 feet southeasterly along Lincoln Street. The project location is shown in **Figure 1: Regional Map** and **Figure 2: Project Location Map**.

2.3 Project Background and Previous Planning Studies

The project area has been identified as an area for improvements in multiple City of Roseville planning documents, discussed in detail below. In addition to planning documents that guide the physical nature of development within the City and the region, planning documents relating to alternative modes of transportation including traffic improvements, pedestrian accessibility and bicycle plans have been prepared. The following is a summary of relevant land use and policy plans and studies that highlight important aspects of the existing plans for the project area, City of Roseville and Placer County.

Roseville Downtown Specific Plan

The Downtown Specific Plan was adopted in April 2009 and encompasses 176 acres within the City of Roseville, including the Historic Old Town, Vernon Street District, Royer and Saugstad Parks. Chapter 6 Circulation and Parking of the City's Downtown Specific Plan has indicated the proposed future

improvements to the Historic Old Town Area. Improvements specifically related to or in proximity to the project site include:

- Planned streetscape improvements to Washington Boulevard including widening the sidewalks on both sides of the street and providing streetscape enhancements in the terms of lighting, street furniture and limited landscaping;
- Median modifications on Washington Boulevard to focus left-turn movements at the Pleasant Street intersection;
- Intersection improvements to Pleasant Street/Washington Boulevard, and Lincoln Street/Washington Boulevard, including an enhanced pedestrian crossing and installation of a traffic control signal;
- Way-finding signs within the Historic District to access the Washington Boulevard undercrossing;

The proposed project improvements are aligned with the identified focus of the Washington Corridor Intensified District, which is intended to increase connectivity amongst other Districts, activate the pedestrian character, and provide a mix of uses. The Washington Corridor is a primary entryway into Historic Old Town, which starts at the intersection at Lincoln Street and extends south to Oak Street. The plan notes pedestrian connectivity and enhancements to the street presence would be accomplished through a future streetscape project(s). The proposed project supports the City's vision and would fulfill a portion of the future improvements to streetscape, landscape, roadway improvements, as well as pedestrian and bicycle access in the area.

Roseville Community and Design Guidelines

The Community Design Guidelines were originally adopted by the City of Roseville in 1995 to implement the goals and policies of the Community Form and Community Design components of the 2010 General Plan. The guidelines include both design and technical aspects, recommendations and specifications that can be incorporated into a project's design. The proposed project is aligned with the following design goals and guidelines:

- Creating project designs that are transit and pedestrian friendly.
- Site planning that respects and enhances the natural environment, connects the project to its surroundings, promotes walkability, ensures effective access and circulation, includes green design features, and provides for services and storage.
- Pedestrian and bicycle friendly streets should be designed to encourage walking and bicycling.
- Site circulation should allow for and facilitate emergency access to the site and all buildings. Long, straight drives are discouraged to prevent speeding, which conflicts with pedestrian safety.
- All pedestrian circulation walks shall be designed to provide access to the disabled in compliance with the American's with Disabilities Act (ADA), California Title 24 and the City's Improvement Standards.
- Projects shall address bicycle and pedestrian needs in their design. Promoting walkability by providing pedestrian linkages between stores, public spaces, parking areas, and adjacent projects.

Roseville 2035 General Plan

The General Plan includes a discussion of redevelopment opportunities planned along Washington Boulevard to extend the pedestrian character and mix of uses from Downtown into this gateway corridor. The plan provides for improved connectivity with pedestrian and bicycle enhancements to promote a balanced transportation system in consideration of vehicles, transit, bicyclists, and pedestrians. In addition, the plan's goal for traffic flow at the intersection of Washington Boulevard and All America City Boulevard is to increase the Level of Service (LOS) and minimize vehicle delays. The City has several ongoing and existing implementation measures that correlate with the proposed projects purpose. This includes strengthening the pedestrian district network with traffic calming, pedestrian enhancements, and signalized intersections. The proposed site is also within the Downtown Specific Plan, which contains significant transportation improvements consistent with the standards of the General Plan and the proposed project.

Roseville 2008 Bicycle Master Plan

The Bicycle Master Plan includes components to enhance the area's bicycle network and prioritize proposed bikeway improvements in the City. The project site was identified as a route with high suitability based on the need of improvements for expected uses, type or route, improved connectivity, and potential improvements to safety. The Bicycle Master Plan is intended to maintain bikeways and upgrade bike lanes from Class 2 to Class 3 bike lanes along Washington Boulevard. The plan also proposes a Class 3 bike lane along All America City Boulevard that would merge and continue along Washington Boulevard at the intersection. The proposed project would be consistent with ongoing improvement standards called out in the BMP by enhancing the bicycle network to promote safety and access to schools, surrounding uses and maintaining or improving levels of service (LOS).

Roseville 2011 Pedestrian Master Plan and Roseville 2009 Americans with Disabilities Act Transition Plan for Public Rights-of-Way

The Pedestrian Master Plan is intended to establish policies, projects, and programs that improve the pedestrian system in Roseville and increase walking for transportation, recreation, and health. The Pedestrian Master Plan was developed along with the Pedestrian Design Guidelines and the Americans with Disabilities Act (ADA) Transition Plan. These planning policy documents address the pedestrian policies and improvements needed within the public right-of-way, which is intended to enhance accessibility for all pedestrians including individuals with disabilities, and improve safety, connectivity, ease of use, aesthetics and cost effectiveness. These plans reinforce the proposed project's pedestrian oriented design and would create a more inviting and comfortable walking environment.

Placer County 2018 Regional Bikeway Plan

The 2018 Placer County Regional Bikeway Plan updated the prior Regional Bikeway Plan adopted in 2002. The plan established a publicly supported vision for improving bikeways throughout the county. The plan develops a regional system of bikeways that connects the six incorporated cities and numerous unincorporated community areas. The plan works in conjunction with other supportive programs and practices, such as the Safe Routes to School program, which the City of Roseville has implemented with Roseville school district to promote safe school walking and biking programs. The proposed project includes improvements that would enhance access and safety to the nearby uses, including schools, and

reinforces the plans vision for incorporation of bikeways and safe walking routes to schools. The plan also calls for safety improvements where gaps within the bicycle network exist in the City of Roseville and regionally in the County.

Sacramento Area Council of Governments (SACOG) 2015 Regional Bicycle, Pedestrian, and Trails Master Plan

The Sacramento Region's Regional Bicycle, Pedestrian, and Trails Master Plan was updated in 2015 to showcase six focus areas that help implement the Master Plan's strategies and actions including 1) coordinating efforts between various stakeholder groups and local agencies, 2) measuring the performance of bicycle and pedestrian systems, 3) assisting with complete streets planning, 4) understanding the impacts to safety, public health, and the economy, 5) promoting traveler safety through education, 6) promoting multimodal trips through transit connections, and 7) supporting infrastructure and programs. The City of Roseville's planning initiatives, policy documents, and city code are influenced by goals, actions and strategies outlined in SACOG's Master Plan. The City of Roseville has been recognition by SACOG for their efforts in establishing a holistic approach to achieve a Bicycle Friendly Community, and as a result, receive a bronze award from the League of American Bicyclists "Bicycle Friendly America" program. The proposed project would support the existing and on-going efforts and goals the City has towards enhancing the bicycle, pedestrian, and trail networks in their community.

2.4 Project Objectives

The objectives of the proposed project are to:

- Increase safety for pedestrians and bicycles by installing a roundabout with designated crosswalks to enable safe crossing at the intersection of Washington Boulevard, All America City Boulevard, and Lincoln Street;
- Provide curved entry and exit lanes delineated by raised medians designed to calm traffic and to facilitate through traffic as well as smooth transitions between the roadways;
- Improve the functionality of the intersection and enable a safe transition for vehicles;
- Provide traffic controls at the intersection that promote more efficient use of fuels than the current stop controls or a signalized intersection;
- Create a new multiuse trail that would be installed on the easterly side of Washington Boulevard that would connect with the pedestrian safety improvements in the roundabout;
- Install conduit to enable the future installation of passive pedestrian detection system and signage to help ensure safe crossing for visually and hearing impaired;
- Create a walkable environment along the Washington Boulevard Corridor;
- Enhance multi-modal access to the Historic District and Downtown Roseville;
- Enhance and improve bicycle connections in the City of Roseville by maintaining bike lanes and upgrading the bicycle network in the area;
- Improve roadway and intersection aesthetics;

- Improve accessibility and connectivity for bicyclists, pedestrians, and vehicles at the intersection;
- Promote a balanced transportation system, which considers vehicles, transit, bicyclists and pedestrians.

2.5 Project Description

The proposed project would replace the current stop-controlled intersection with construction and operation of a multi-lane roundabout. The proposed project has been designed to be compatible with adjacent land uses and with the roadway corridor between the Historic district and Downtown Roseville. One of the main design features is the inclusion of crosswalks within each roadway to enable safe crossing for bicyclists and pedestrians. The project design is shown in **Figure 3: Project Footprint Map.** Washington Boulevard is a north-south arterial roadway and extends from Central Roseville to the northern city limits and is one of the main connections to the City's historic and downtown regions. Washington Boulevard intersects with All America City Boulevard on the west and provides access to a school, Placer County @ the Grounds and residential neighborhoods. Lincoln Street intersects with Washington Boulevard on the east and provides access to residential neighborhoods and commercial uses further east and south. Aerial views of the area surrounding the project site are shown in **Figures 4 through 7.**

The proposed project would be partly funded by the Congestion Mitigation and Air Quality Improvement Program (CMAQ) and construction is planned to begin in early 2021. The planned improvements would maintain the multi-lane configuration for the north and southbound traffic along Washington Boulevard. All America City Boulevard and Lincoln Street are collector streets. All America City Boulevard would have a single entry and departure lane. Because Lincoln Street is at an oblique angle to Washington Boulevard the roundabout features two entry opportunities and one exit lane to northbound Washington Boulevard. Northbound vehicles on Washington Boulevard would be provided a right turn to access Southbound Lincoln Street prior to the roundabout. Southbound travelers on Washington Boulevard would proceed through the intersection to access southbound Lincoln Street. This duel entry and departure lane configuration would facilitate safe and efficient turning movements for vehicles, and safe crossing for bicycles and pedestrians. Refer back to *Figure 3: Project Footprint Map*. The roundabout would largely occur within the area of the existing intersection and would also require minor expansion of the right-of-way at the corners of the intersections and adjacent to the existing roadway alignments. The roundabout would include curved entry and exit lanes delineated by raised medians. This design is intended to calm traffic, to facilitate through traffic and facilitate smooth transitions between roadways by encouraging slower vehicle speeds. The pedestrian focused improvements include an enhanced crosswalk across All America City Boulevard and new crosswalks across Washington Boulevard on both the north and south sides of the roundabout. A new multiuse trail would be installed on the easterly side of Washington Boulevard and would connect with these pedestrian safety improvements in the roundabout. The improvements also would include installation of conduit to enable a future passive pedestrian detection system. In addition, appropriate signage, and design features to enable safe crossing for visually and hearing impaired would be installed. The proposed project also includes a new bike lane that would extend southerly along Washington Boulevard to facilitate bicycle movements along the easterly side of Washington Boulevard.

Utilities

The proposed project would require excavation to an approximate depth of 2-3 feet and may result in the

need for existing dry utilities (e.g., electrical and communications lines) to be adjusted to grade. Approximately 450 feet of an existing water line under Washington Boulevard would be relocated within the project alignment. No sewer lines are located under Washington Boulevard and no sewer relocation is required. Existing underground dry utilities include electrical, telephone, and cable. In addition, up to five utility/light poles would be replaced with new lighting standards and approximately 18 additional lights will be installed to light the crosswalks, pedestrian pathways, and the roundabout.

Water and Drainage

Water from the project site generally drains via sheet flow to the existing stormwater drainage facilities on the westerly side of Washington Boulevard. Washington Boulevard slopes slightly to the west and All America City Boulevard slopes slightly to the north. The overall drainage pattern of the site is to the northeast. Lincoln Street is much narrower, and nearly flat but has slight crown down the center. Because of this, runoff would flow easterly into an unlined ditch, and westerly flow are received by the unpaved shoulder and vegetated area located between Lincoln Street and Washington Boulevard to the west.

The main surface drainage feature within the project site is the open topped unlined but vegetated ditch on the easterly side of Washington Boulevard. The ditch begins near the northerly project boundary at the southern end of the self-storage facility. From this point the ditch runs roughly parallel between Washington Boulevard and the Union Pacific railroad tracks. Within the project site the ditch is culverted under an existing dirt road adjacent to Washington Boulevard and via an approximate 24-inch concrete pipe under Lincoln Street. South of Lincoln Street the ditch runs parallel to Washington Street through the balance of the project site and south to Elefa Street where it transitions to an underground drainage network. The drainage would receive minimal runoff from Washington Boulevard as the roadway slopes to the west. Most of the flows are received from upstream urban areas and, absent heavy stormwater flows, water in the ditch stagnates due to minimal flows and minimal slope. The proposed project would result in alteration to the drainage ditch and would require installation of a properly graded underground conduction system.

Right-of-Way

Construction of the roundabout and roadway improvements would occur within the existing City right-of-way with the exception of the northwest corner of Washington Boulevard and All America City Boulevard. To accommodate the proposed improvements, the proposed alignment of All America City Boulevard would be extended northerly to occupy approximately 1,300 to 1,500 square feet (sf) of a parcel owned by Placer County (APN-011-030-006). This area is a part of the Placer County @ The Grounds and zoned as Public/Quasi-Public (P/QP). The area consists of a sidewalk and sparse ornamental landscaping with bark ground cover. The City of Roseville and Placer County are working to address the modification to the right-of-way. This area is shown in **Figure 8: Right of Way Acquisition.** With the exception of the northwest corner of All America City Boulevard and Washington Boulevard, the project area would not be substantially changed and taking for additional right-of-way is not required.

2.5.1 Construction Approach

Equipment and Staging Areas

The proposed project would require removal of some of the existing roadways and hardscape prior to repaving and installation of other improvements including medians, multiuse trail, crosswalks, sidewalks,

and landscaping. A combination of equipment such as excavators, backhoes, dozers, finish graders and loaders, dump trucks, concrete trucks, and pavers would be required at various times during demolition and construction. The proposed project would occur in a relatively small area and while some heavy equipment would be required, the extent of demolition and construction is not considered extensive. Demolition is anticipated to occur over an approximate three-month period beginning in early 2021 and construction of the improvements is anticipated for approximately nine months concluding in late 2021.

Staging of construction equipment would be required and is anticipated to use an existing undeveloped area in the fairgrounds or adjacent vacant lot along Washington Boulevard between Lincoln Street next to the project site.

Best Management Practices

Water quality measures (stormwater management measures and BMPs) would be implemented as part of the project to minimize potential water quality impacts during construction, operation, and maintenance. Key management measures consist of the following:

- Protect areas that provide important water quality benefits or are particularly susceptible to erosion or sediment loss.
- Minimize the potential for erosion by limiting land disturbances such as clearing, grading, and cut and fill.
- Limit disturbance of natural drainage features and vegetation.
- Prepare and implement an approved Storm Water Pollution Prevention Plan (SWPPP).
- Ensure proper storage and disposal of toxic material.
- Incorporate pollution prevention into operation and maintenance procedures to reduce pollutant loadings to surface runoff.

Construction BMPs

The City and its contractor will implement construction BMPs to avoid and minimize impacts on sensitive environmental resources. Implementation of the Erosion Control Plan, the National Pollutant Discharge Elimination System (NPDES) permit and associated SWPPP, and the BMPs as discussed below will minimize the potential for construction-related surface water pollution and ensure that water quality in off-site waterways and wetlands will not be compromised by erosion and sedimentation during construction.

Temporary Fencing. Where appropriate, the City's contractor will install construction barrier fencing (including sediment fencing and straw wattles) to prevent contaminants and debris from entering off-site surface waters. Before construction begins, the City or its contractor will identify the locations for the barrier fencing and mark those locations with stakes or flagging.

SWPPP. A SWPPP will be implemented as part of the NPDES Permit and a General Construction Activity Storm Water Permit to minimize the potential for sediments or contaminants to enter off-site waterways.

Equipment. The City will comply with applicable stormwater ordinances, stormwater management plans, and BMPs to prevent or minimize the potential release of equipment-related petroleum contaminants into adjacent surface waters and groundwater. Implementation of standard construction procedures and

precautions for working with petroleum and construction chemicals will further ensure that the impacts related to chemical handling during project construction will be minor.

Hazardous Materials. The City will implement appropriate hazardous material management practices and other good housekeeping measures to reduce the potential for chemical spills or releases of contaminants, including any non-stormwater discharge to adjacent surface waters. Implementation of these measures will minimize the potential for surface and groundwater contamination.

Erosion Control. The project design will incorporate permanent erosion control elements to ensure that stormwater runoff does not cause soil erosion. Erosion and sediment control plans will comply with the City's Grading Ordinance, which requires reducing erosion and retaining sediment onsite.

Toxic Materials Control and Spill Response Plan. The following measures will be incorporated into the plan and implemented to avoid or minimize the risk of spills or discharges of toxic materials into adjacent surface waters.

- Prepare a hazardous material spill prevention, control, and countermeasure plan (SPCC) before construction and implement during construction.
- Prevent raw cement, concrete or concrete washings, asphalt, paint or other coating material, oil or other petroleum products, or any other substances that could be hazardous to aquatic life from contaminating the soil or entering off-site surface waters.
- Prevent discharge of drilling mud and fluids into off-site surface waters by using appropriate containment, disposal, and storage methods.
- Prevent discharge of turbid water or sediment-laden runoff to off-site surface waters by using sediment filters, diverting the water to a settling tank, and/or implementing other erosion and water quality control BMPs.
- Clean up all spills immediately according to the SPCC.
- Provide areas located outside of sensitive environmental areas for staging and storing equipment, materials, fuels, lubricants, solvents, and other possible contaminants.
- Prevent hazardous materials from entering waters. The construction contractor will notify the City Fire Department if evidence of soil or groundwater contamination is encountered during construction activities. Construction in that area will be halted until the Fire Department has evaluated the find and remediation is completed, if necessary.

Traffic Management Plan

The City will require the construction contractor to implement a Traffic Management Plan (TMP), including a construction schedule and plan to meet the City's notice procedures, before construction activities are initiated. This plan will identify general methods by which construction activities will be managed to minimize substantial delays to traffic as discussed below.

Communication: Develop and implement a public information campaign that describes the nature and duration of construction activities and when construction related temporary "controlled conditions"

and/or travel delays are expected. Particular attention will be placed on special events (e.g., school graduations or Placer County Fairgrounds events) that may attract unfamiliar users to the City's roadway system.

Construction: Describe and analyze the number of employees and their site parking areas, and the number of trucks, their routing and staging, and operating hours.

Wayfinding: Position and operate changeable message sign (CMS) trailers at strategic locations and employ other temporary signage as necessary to advise motorists, pedestrians and bicyclists of pending construction activities and alternate routes.

Emergency Vehicle Response: The contractor will coordinate with City Police and Fire Departments to ensure that all potential effects of construction traffic controls are clearly communicated understood by public safety providers.

Noise Control Measures

The following measures will be incorporated into the construction specifications for the proposed project to reduce and control noise generated by construction-related activities, consistent with City ordinances and standards:

- Noise-generating construction activities from the City's construction contractor will be restricted consistent with the City's Noise ordinance (Monday through Friday from 7:00 a.m. to 7:00 p.m., and Saturday and Sunday from 8:00 a.m. to 8:00 p.m.).
- All construction equipment will have sound-control devices no less effective than those provided on the original equipment. No equipment will have an unmuffled exhaust.
- Appropriate additional noise-reducing measures will be implemented, including the following: stationary construction equipment will be located as far as possible from sensitive uses; sensitive uses will be identified on construction drawings; and excessive equipment idling will be prohibited when the equipment is not in use.

Hazards and Hazardous Materials Measures

The construction documents will identify materials that are considered hazardous. The project contractor will be required to develop a Health and Safety Plan (prepared by a registered industrial hygienist) that addresses release prevention measures; employee training, notification, and evacuation procedures; and adequate emergency response protocols and cleanup procedures.

The contractor will comply with the California Occupational Safety and Health Administration standards for the storage and handling of fuels, flammable materials, and common construction-related hazardous materials and for fire prevention (California Labor Code, Division 5, Chapter 2.5).

City of Roseville Mitigating Ordinances, Guidelines, and Standards

As part of the proposed project, the City will implement the following regulations and ordinances to reduce potential environmental impacts associated with the project.

- Noise Regulation (Roseville Municipal Code [RMC] Ch.9.24).
- Urban Stormwater Quality Management and Discharge Control Ordinance (RMC Ch.14.20).
- Stormwater Quality Design Manual (Resolution 07-432).

- City of Roseville Design and Construction Standards (Resolution 07-137).
- Community Design Guidelines (Resolution 95-347).

2.5.2 Washington Boulevard/Andora Bridge Improvement Project Multi-Use Path Construction

As shown on Figure 3, the project includes the construction of a multi-use pathway that extends from the end of the proposed multi-use pathway for this proposed project. The proposed project would construct approximately 400 feet of a 10- to 12-foot foot wide multi-use trail along the eastern side of Washington Boulevard. The construction of this trail segment was approved as part of the Washington Boulevard/Andora Bridge Improvement Project. Additionally, construction of the trail was included in the Washington Boulevard/Andora Bridge Improvement Project Final Environmental Impact Report (EIR) certified by the City of Roseville in October 2019. As such, the Final EIR (SCH No. 2016092028), is incorporated by reference into this document. The incorporation of the Final EIR is appropriate because it evaluates the construction of the multi-use path and has previously disclosed impacts related its construction. This segment of the trail is included with the proposed project for purposes of construction efficiencies and no changes to the trail are proposed or required.

2.5.3 Required Approvals

Required permits and approvals are shown in Table 2-1. Local approvals required to construct and operate the proposed project include adoption of the Mitigated Negative Declaration and Mitigation Monitoring and Reporting Plan by the City Council and approval of the project plans and specifications and construction contract. In addition, the proposed construction activities would trigger Section 402 of the Clean Water Act, which requires coverage under the National Pollutant Discharge Elimination System Permit from the State Water Resources Control Board. This coverage would require development and implementation of a SWPPP. No other state or federal approvals are required for the proposed project.

Table 2-1: Permits and Approvals Needed for the Proposed Project

Agency	Permit/Approval
City of Roseville	Adoption of the Mitigated Negative Declaration
City of Roseville	Approval of the Mitigation Monitoring and Reporting Plan
City of Roseville	Approval of Plans and Specifications and Construction Contract
Regional Water Quality Control Board	Storm Water Pollution Prevention Plan



Figure 1: Regional Map
Washington Boulevard at All America City Boulevard Roundabout Project

Not to scale

Kimley»Horn



Figure 2: Project Location Map
Washington Boulevard at All America City Boulevard Roundabout Project

Not to scale

Kimley»Horn

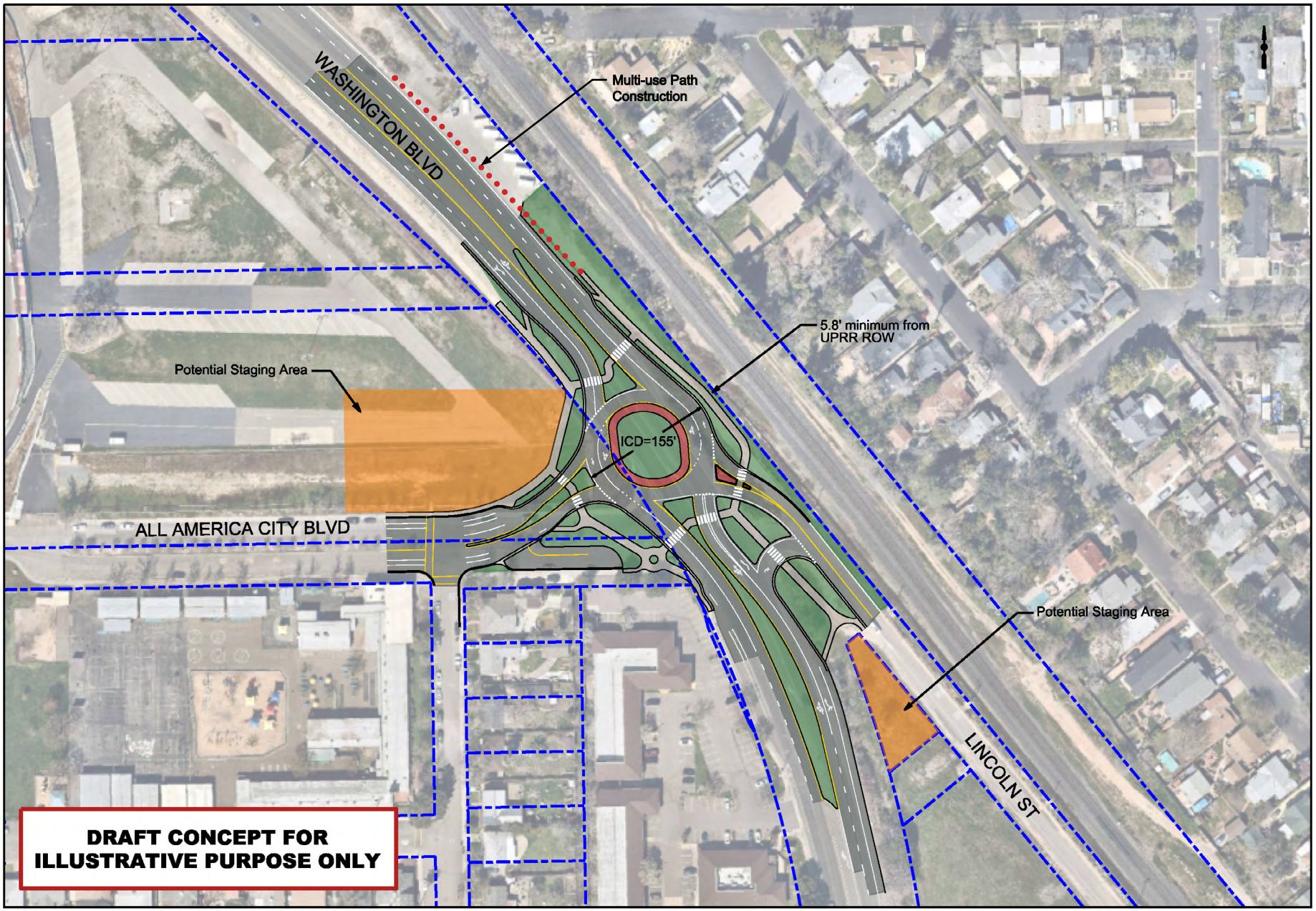


FIGURE 3: Project Footprint Map

Washington Boulevard at All America City Boulevard Roundabout Project

Not to scale

Kimley»Horn



FIGURE 4: Aerial Photo
Washington Boulevard at All America City Boulevard Roundabout Project

Not to scale

Kimley»Horn

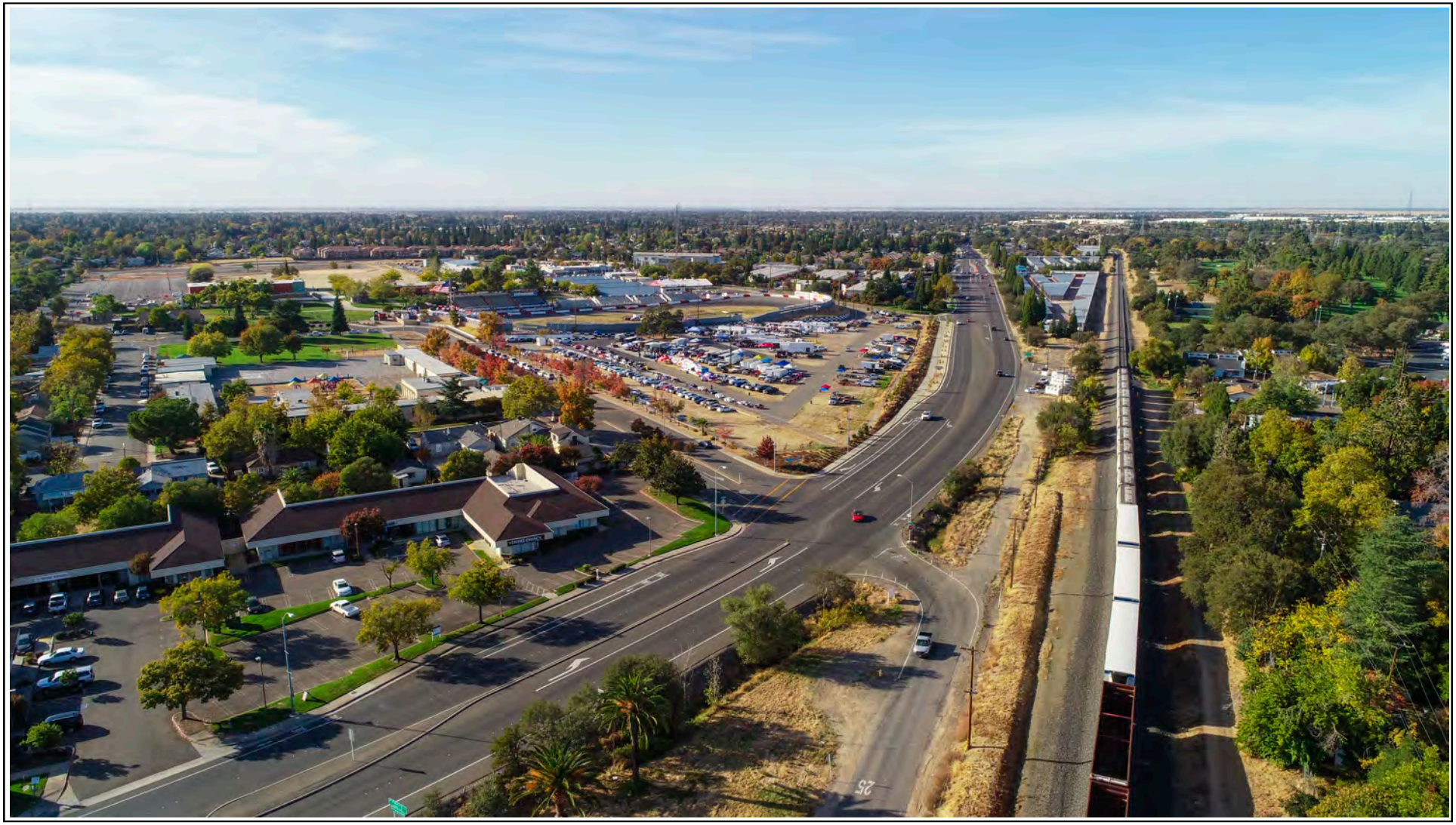


FIGURE 5: Aerial Photo (View to the Northwest)
Washington Boulevard at All America City Boulevard Roundabout Project

Not to scale

Kimley»Horn



FIGURE 6: Aerial Photo (View to the South)
Washington Boulevard at All America City Boulevard Roundabout Project

Not to scale

Kimley»Horn

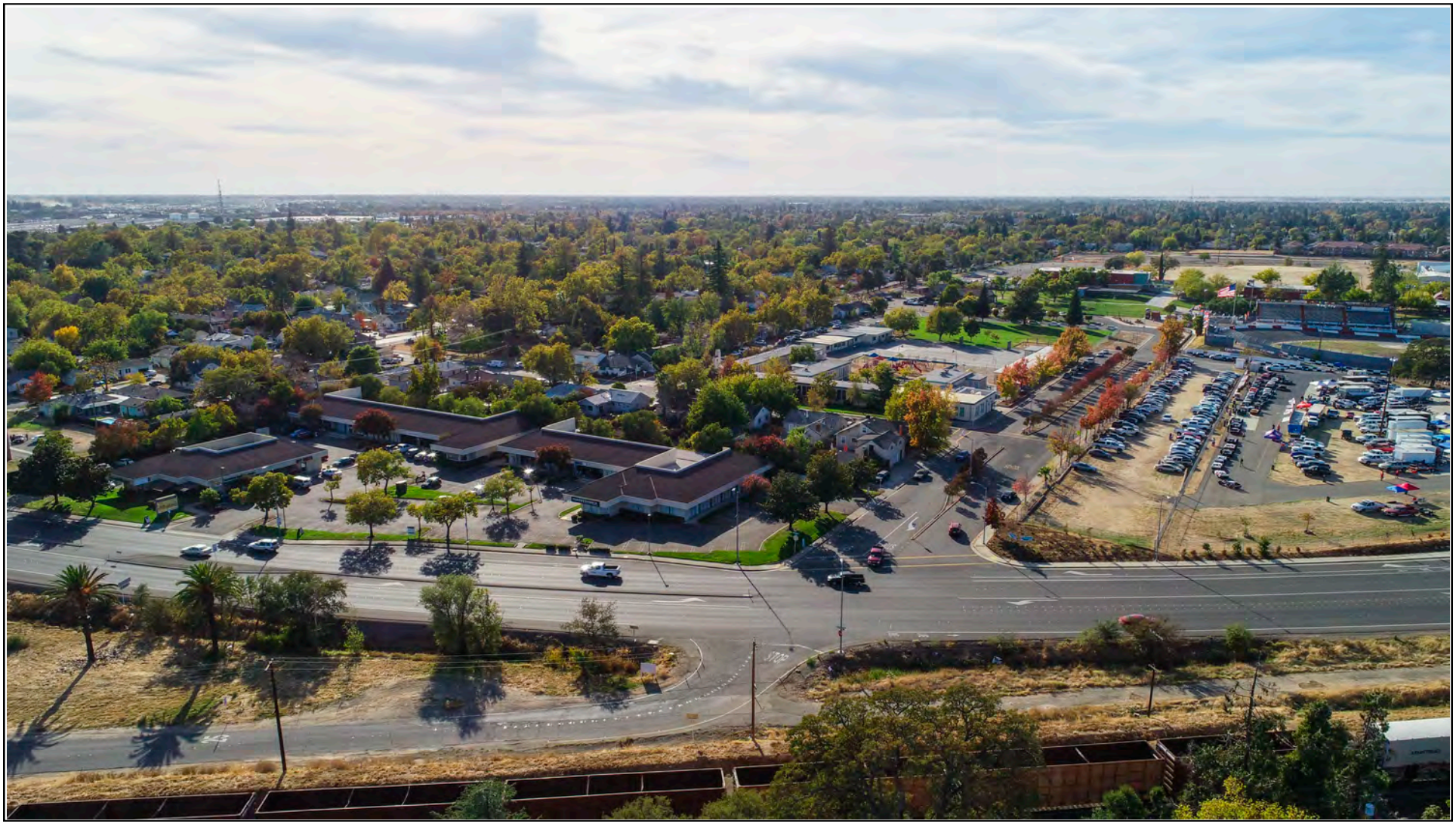


FIGURE 7: Aerial Photo (View to the West)
Washington Boulevard at All America City Boulevard Roundabout Project

Not to scale

Kimley»Horn

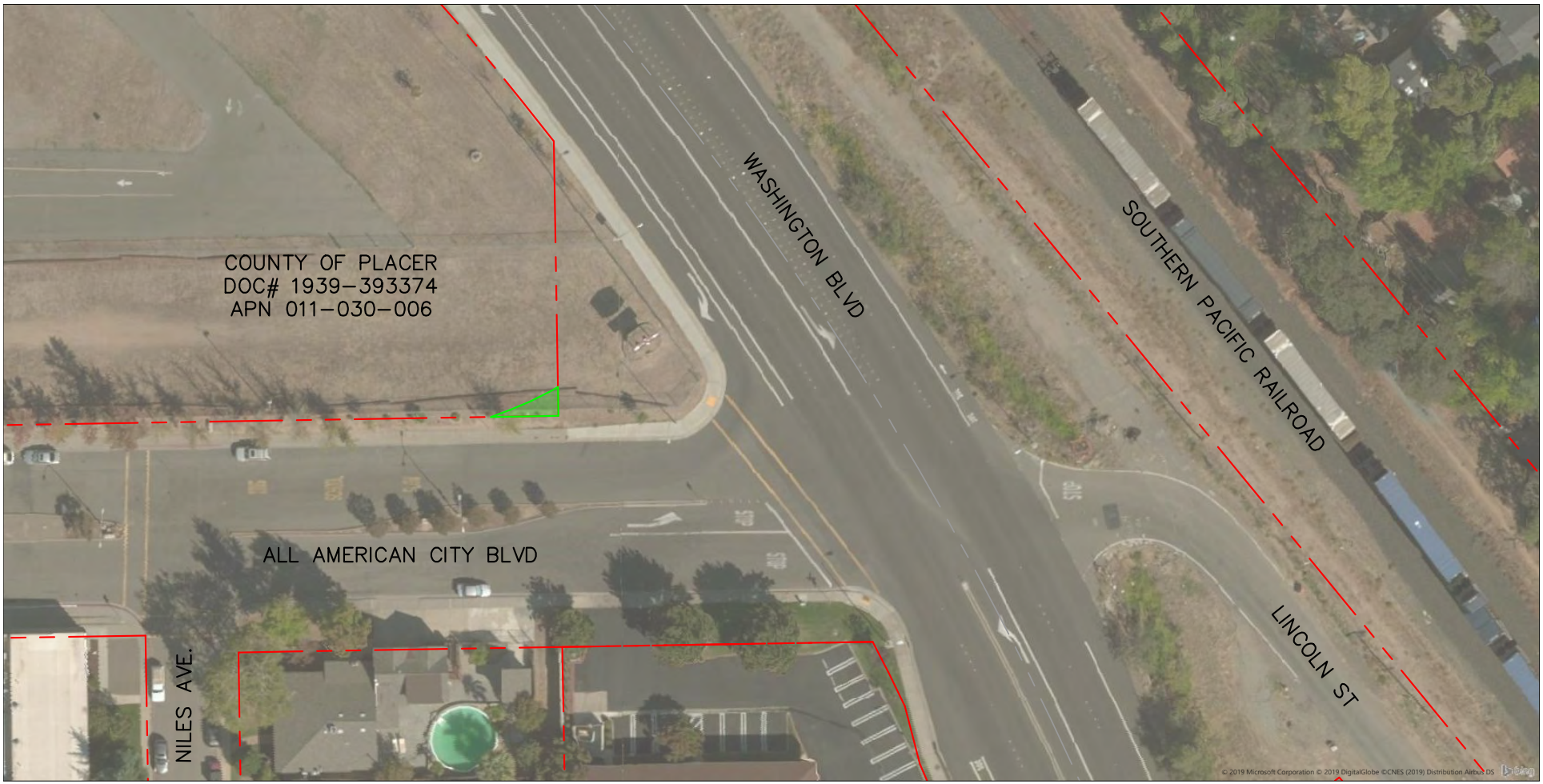


FIGURE 8: Right-of-Way Acquisition
Washington Boulevard at All America City Boulevard Roundabout Project

Not to scale

Kimley»Horn

3.0 INITIAL STUDY CHECKLIST

1. **Project title:**

   Washington Boulevard at All America City Boulevard (WAAC) Roundabout Project

2. **Lead agency name and address:**

   City of Roseville
   Department of Public Works
   311 Vernon Street
   Roseville, CA 95678

3. **Contact person and phone number:**

   Beth Taylor, (916) 774-1300

4. **Project Location:**

   The project site is located within the intersection and roadways of Washington Boulevard, All America City Boulevard, and Lincoln Street and associated intersection of the three roadways in the City of Roseville, County of Placer, State of California. The project site extends approximately 400 feet along Washington Boulevard to the north and south, approximately 250 feet within All America City Boulevard to the west, and approximately 400 feet southeasterly along Lincoln Street. As shown on *Figure-3 – Project Footprint Map*.

5. **Project Sponsor's Name and Address:**

   City of Roseville
   Department of Public Works
   311 Vernon Street
   Roseville, CA 95678

6. **General Plan Designation:**

   The proposed project is within Public/Quasi Public and Community Commercial General Plan Land Use designations. The Community Commercial designation consists of the Washington Corridor and a portion of All America City Boulevard. The Public/Quasi Public area is part of the Placer County @ The Grounds and is located on the north side of All America City Boulevard. Roadways, such as Washington Boulevard, All America City Boulevard, and Lincoln Street are public property and are not given a land use or zoning designation.

7. **Zoning:**

   The proposed project is mainly within Commercial Mixed Use and a small portion is zoned Single-Family Residential within the City of Roseville's Zoning Designations. The Commercial Mixed-Use area is within the City's Downtown Specific Plan (Adopted in April 1, 2009, City Ordinance 4729). The area that is zoned as Single-Family Residential is south of All America City Boulevard south of and not a part of the Placer County @ The Grounds. Roadways, such as Washington Boulevard, All

America City Boulevard, and Lincoln Street are public property and are not given a land use or zoning designation.

8. **Description of project:**
   The proposed project would improve the existing unsignalized intersection with a roundabout. For more details, please see the detailed project description in Section 2.5 above.

9. **Surrounding land uses and setting: Briefly describe the project's surroundings:**

   The proposed project is adjacent to the All American Speedway and is situated within the major arterial of Washington Boulevard (north to south, also known as Old Highway 65), All America City Boulevard, and Lincoln Street (respectively east to west). The Sierra View Country Club is located north of the proposed project. To the east of the proposed project, parallel to Washington Boulevard is the Union Pacific Railroad and Low Density Residential. The All American Speedway, Roseville Community School and Placer County @ The Grounds are located west of the proposed project. All America City Boulevard provides access to the east entrance of Placer County @ The Grounds. The project site is located approximately less than a mile away from Roseville's Downtown. The Downtown area can be accessed driving south on Washington Boulevard or Lincoln Street from the proposed project. The proposed project would improve directional vehicular access to the surrounding uses and make it safer for pedestrians and cyclists by slowing down traffic.

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

    - Caltrans, Office of Local Assistance
    - U.S. Army Corps of Engineers
    - Regional Water Quality Control Board
    - California Department of Fish and Wildlife

11. **Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?**

    On March 18, 2019 and April 8, 2019 certified letters were sent to the Tribes listed below requesting consultation and/or information regarding tribal resources in the project area. The letters requested a response within 30 days.
    - United Auburn Indian Community (UAIC)
    - Ione Band of Miwok Indians
    - Tsi Akim Maidu
    - Shingle Springs Band of Miwok Indians

    No tribes have requested consultation or indicated there are known cultural or tribal resources on the project site.

NOTE: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal

cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See Public Resources Code section 21080.3.2.) Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code section 5097.96 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that Public Resources Code section 21082.3(c) contains provisions specific to confidentiality.

This page intentionally left blank

4.0 ENVIRONMENTAL CHECKLIST

Environmental Factors Potentially Affected by the Project

The environmental factors checked below would be potentially affected by this project, involving impacts identified as "Less Than Significant With Mitigation Incorporated" as indicated by the checklist on the following pages.

	Aesthetics		Agricultural Resources	X	Air Quality
X	Biological Resources	X	Cultural Resources		Energy
X	Geology / Soils	X	Greenhouse Gas Emissions	X	Hazards & Hazardous Materials
	Hydrology / Water Quality		Land Use / Planning		Mineral Resources
	Noise		Population / Housing		Public Services
	Recreation		Transportation / Traffic	X	Tribal Cultural Resources
	Utilities / Service Systems		Wildfire		Mandatory Findings of Significance

Determination

On the basis of this initial evaluation:

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

Terri Shirhall 10/13/20

Terri Shirhall, Environmental Coordinator Date

4.1 Aesthetics

ENVIRONMENTAL IMPACTS	Potentially Significant Impacts	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Except as provided in Public Resources Code Section 21099, would the project:				
a) Have a substantial adverse effect on a scenic vista?				✓
b) Substantially damage scenic resources, including but not limited to trees, rock 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?			✓	

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

No Impact. The proposed project would not have a substantial adverse effect on a scenic vista. While the City does recognize the scenic value of some resources within its boundaries, the City General Plan does not designate any scenic vistas within its jurisdiction. The proposed project would result in the construction of improvements at the intersection of Washington Boulevard and All America City Boulevard. Washington Boulevard is a major arterial corridor and provides direct access to Roseville's Historic District and Downtown. Improvements include a roundabout that would maintain the multilane configuration for the north and southbound directions along Washington Boulevard with a single lane approach and departure from All America City Boulevard on the west and a dual approach and departure configuration for Lincoln Street on the east. The land uses surrounding the project site are mixed and include, commercial, community commercial, medium density residential, an elementary school, the All American Speedway. None of these areas, including the project site contains any landforms that would be considered scenic.

As discussed above, the City of Roseville's General Plan does not designate any scenic vistas within the city. A scenic vista is generally described as a clear, expansive view of significant regional features possessing visual and aesthetic qualities of value to the community. The project site is flat, surrounding infrastructure includes commercial, residential buildings, above-line power poles, upland ruderal vegetation, an open top and unlined drainage ditch, and areas with ornamental landscaping. The area surrounding the project site is heavily urbanized and the surrounding areas do not have characteristics of a scenic vista or that would be considered scenic. Because there are no designated scenic vistas on the project site or in the vicinity; the proposed project does not have the potential to affect a scenic vista. No impacts would occur.

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

No Impact. There are no State or County designated scenic highways proximate to the project site. Furthermore, no officially designated State scenic highways in Placer County or Sacramento County are visible from Roseville. There are no existing structures on the project site, therefore, there are no historically significant buildings located on the project site. The project site does not contain any rock outcrops but does include minor landscaped areas containing ornamental plants and trees. All trees removed by the proposed project would be replaced in accordance with the City's tree removal guidelines and Tree Preservation Regulations (City of Roseville Municipal Code, Zoning Ordinance Chapter 19.66), as applicable. Additionally, the trees located on the project site do not constitute a significant scenic or visual resource. Therefore, the proposed project would not damage any scenic resources, including trees, rock outcroppings, or historic buildings within a State scenic highway. Impacts would not occur, and mitigation is not required.

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?

Less Than Significant Impact. The project site is located along a major arterial corridor in an urbanized area. The land uses surrounding the project site are mixed and include, commercial, community commercial, medium density residential, an elementary school, and the All American Speedway. Structural elements include above-line power poles, sidewalks, ornamental landscaping, and grass areas. The most notable visual element is an undeveloped area between Washington Boulevard and Lincoln Street. This area contains an open topped unlined drainage ditch, upland ruderal vegetation and trees. The proposed project would include construction of a roundabout that would change the visual character of the site but has been designed to complement the existing urban elements if the site and surrounding area, and other similar roadway improvements, including roundabouts, in the City. The proposed project would not substantially change the roadway configuration, the multilane configuration would be maintained to promote a free-flowing traffic pattern. The proposed improvements would enhance safety and accessibility and improve roadway aesthetics. The roundabout would include raised concrete, landscaping, and decorative elements where none currently exist. Accordingly, the design of the proposed roundabout, roadways, and streetscape improvements would be a consistent urban design that would be compatible with the appearance and features of the corridor including Historic and Downtown Roseville and would enhance public safety and comfort. Therefore, although the visual characteristics of the site

would change, the proposed project would be consistent with the surrounding areas, the intent of applicable planning documents, and with adopted development regulations. The proposed project would not substantially impact or degrade the visual quality of the project site or its surroundings. Impacts in this regard would be less than significant and no mitigation is required.

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

Less Than Significant Impact. The existing sources of light and glare within the project area and from the surrounding areas are consistent with a predominately urbanized area. Sources of glare during the day come from vehicle windshields, and windows on businesses and nearby homes. The primary sources of nighttime light is from the surrounding commercial buildings, homes, street infrastructure (light poles), and vehicle headlights. The proposed project would introduce minimal new sources of lighting compared to the existing roadway intersection. Some safety lighting would be installed in conjunction with pedestrian and bicycle improvements, but these lights would be low to the ground, directed downward or horizontal to the ground, and needed to inform drivers of the presence of pedestrians. This type of lighting system is considered localized and is designed so that spill light is minimized and not visible from distant areas. The proposed project would provide street lighting and lighting within the roundabout or traffic lanes that would be balanced for brightness. The proposed lighting sources would be considered at scale for pedestrians, cyclists, and vehicles. The proposed light sources would be diffused and/or direct to avoid glare for pedestrians and motorists and to avoid spill light. Pedestrian street lighting would be provided along sidewalks and pathways, in addition to the roadway illumination. Pedestrian-scaled streetlights would be provided at the bus shelter located on the southwest corner of the proposed intersection, along Washington Boulevard. The project would be subject to the City's development approval process prior to submittal of construction drawings. The proposed design, construction materials, and lighting would be reviewed for consistency with the City's standards prior to project approval.

Lighting used for the proposed project would be consistent with the existing sources of lighting in the area and would minimize new light sources visible to the surrounding uses. The proposed project would comply with all applicable design and development standards. The proposed project is a roadway enhancement projects and does not include the use of building materials (i.e., reflective glass) that would cause a substantial new source of glare. Project design would ensure that the introduction of the new sources of light and glare associated within the proposed project would be less than significant. No mitigation would be required.

Cumulative Impacts

The potential visual impacts related to views and aesthetics are generally site specific. As discussed above, project-related impacts to scenic vistas would not occur and while changes to the existing visual character would occur, these impacts are less than significant. The proposed project would also be consistent with visual and aesthetic requirements of the pertinent the land use and planning documents. Lighting and sources would be consistent with the majority of the surrounding urban area and glare would be minimal. Therefore, while the proposed project in conjunction with past, present, and reasonably foreseeable development would change the appearance of the site and surrounding area, conformance with roadway design requirements, coloration, landscaping and lighting as specified in Chapter 13 Streets and Sidewalks,

Chapter 14 Public Utilities, and Chapter 19 Zoning of the City's Municipal Code would minimize effects. Therefore, aesthetic impacts would not be cumulatively considerable and impacts would be less than significant.

Sources:

Caltrans, 2019 – Scenic Highway System Lists. Available: https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways Accessed: May 15, 2020.

Roseville, City of. Implementation Strategies to Achieve Blueprint Project Objectives, 2005. Available: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/General%20Plan/blueprint_strategy.pdf.

Roseville, City of. General Plan 2035, 2016. Available: https://www.roseville.ca.us/government/departments/development_services/planning/general_plan_development_guidelines.

Roseville, City of. General Plan 2035 Land Use Map. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/Specific%20Plans%20&%20Planning%20Areas/2035%20General%20Plan%20Redline%20Draft/Land%20Use%20Map.pdf

Roseville, City of. Zoning Map, 1996. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/Zoning%20Information/Zoning_30X40_2017%20FINAL_20170324.pdf

Roseville, City of. Downtown Specific Plan, adopted 2009. Available at: https://www.roseville.ca.us/government/departments/development_services/planning/specific_plans_planning_areas/downtown_specific_plan

Roseville, City of. Communitywide Sustainability Action Plan 2010. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/Citywide%20Planning%20Documents/Communitywide%20Sustaintability%20Action%20Plan.pdf

Roseville Municipal Code. Available at: http://qcode.us/codes/roseville/?view=desktop

Placer, County of. Placer County Regional Bikeway Plan 2018. Available at: http://pctpa.net/library/BikewayPlanning/PlacerCounty_RegionalBikewayPlan_FINAL_20180629.pdf

Sacramento Area Council of Governments (SACOG). Regional Bicycle, Pedestrian, and Trials Master Plan 2015. Available at: https://www.sacog.org/sites/main/files/file-attachments/bicycle_pedestrian_trails_master_plan_2015.pdf

4.2 Agriculture and Forestry Resources

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				✓
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?				✓

a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

No Impact. The proposed project site and surrounding areas are not designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance on the State of California Important Farmland

Map[1]. The proposed project site is designated as Urban and Built-Up Land. Urban and Built-up Land is defined as land used for residential, industrial, commercial, construction, institutional, public administrative purposes, railroad yards, cemeteries, airports, golf courses, sanitary landfills, sewage treatment plants, water control structures, and other development purposes. Highways, railroads, and other transportation facilities are mapped as a part of Urban and Built-up Land if they are a part of the surrounding urban areas. Therefore, no conversion of documented agricultural lands to non-agricultural use would occur and mitigation is not required.

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

No Impact. The proposed project site is not zoned for agricultural use and is not under a Williamson Act contract as shown on the 2015-2016 Placer County Williamson Act Contract Map[2]. The proposed project is within existing City of Roseville maintained paved right-of-way and County of Placer right-of-way. The project site is designated as Community Commercial and Public/Quasi-Public. Therefore, the proposed project would not conflict with a Williamson Act Contract and would not conflict within the existing zoning. No impact would occur, and no mitigation is required.

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

No Impact. The proposed project is within existing paved City of Roseville maintained right-of-way and Placer County right-of-way. The site is designated as Community Commercial and Public/Quasi-Public. The proposed project site is not currently zoned as forest land, timberland, or timberland zoned for production. No impact would occur, and no mitigation is required.

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

No Impact. The proposed project site does not contain forest land. Therefore, no impact would occur in regard to changing forest land to a non-forest use. No mitigation is required.

e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

No Impact. The proposed project site does not contain any land used for or designated as agricultural or forest land. Therefore, no impact would occur in this regard and no mitigation is required.

Cumulative Impacts

[1] California Department of Conservation, State of California Important Farmland Map. Available at: https://maps.conservation.ca.gov/DLRP/CIFF/.
[2] California Department of Conservation, Williamson Act Data and Maps. Available at: ftp://ftp.consrv.ca.gov/pub/dlrp/wa/. Accessed July 1, 2019.

The proposed project is not located on land used for agriculture or forest productions and would not affect agricultural or forest resources. Therefore, the proposed project would not contribute to a cumulatively considerable impact.

Sources:

California Department of Conservation, State of California Important Farmland Map. Available at: https://maps.conservation.ca.gov/DLRP/CIFF/.

California Department of Conservation, Williamson Act Data and Maps. Available at: ftp://ftp.consrv.ca.gov/pub/dlrp/wa/. Accessed July 1, 2019.

4.3 Air Quality

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?			✓	
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?			✓	

Air Quality analysis for the proposed project was prepared by Kimley-Horn and Associates. The Air Quality Data is provided in Appendix A; the results and conclusions of the report are summarized herein.

The California Air Resources Board (CARB) divides the State into 15 air basins that share similar meteorological and topographical features. The proposed Project is located within the Sacramento Valley Air Basin (SVAB). This Basin comprises all of Butte, Colusa, Glenn, Placer, Sacramento, Shasta, Sutter, Tehama, Yolo, and Yuba counties, and the northern portion of Solano County. Air quality in this area is determined by such natural factors as topography, meteorology, and climate, in addition to the presence of existing air pollution sources and ambient conditions.

The project site is located in the jurisdiction of the Placer County Air Pollution Control District (PCAPCD). Portions of the PCAPCD area are within three air basins. The project site is within the SVAB portion of the PCAPCD. The SVAB portion of the PCAPCD is located within the Sacramento region non-attainment area for federal ozone standards. The PCAPCD, along with other local air districts in the Sacramento Region, are required to comply with the federal State Implementation Plan (SIP) to demonstrate when and how the region can attain the federal ozone standard.

The PCAPCD's CEQA Air Quality Guidelines provides significance thresholds for construction of projects. If the PCAPCD thresholds are exceeded, a potentially significant impact could result. However, ultimately the lead agency determines the thresholds of significance for impacts. If a project proposes development

in excess of the established thresholds, as outlined in *Table 4.3-1, Placer County Air Pollution Control District Emissions Thresholds*, a significant air quality impact may occur, and additional analysis is warranted to fully assess the significance of impacts.

Table 4.3-1: Placer County Air Quality Control District Emissions Thresholds

Criteria Air Pollutants and Precursors (Regional)	Construction-Related
	Average Daily Emissions (pounds/day)
ROG	82
NO_X	82
Inhalable PM_{10}	82
Source: Placer County Air Pollution Control District 2017.	

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

Less Than Significant Impact. The project site is within an existing roadway and adjacent right-of way and does not include new land uses or structures. The purpose of the proposed project is to increase bicycle, pedestrian, and vehicular safety by improving the intersection at Washington Boulevard, All America City Boulevard, and Lincoln Street. The intersection is unsignalized other than two stop signs at All America City Boulevard and Lincoln Street, and there are no crosswalks or designated crossings for bicyclists or pedestrians (apart from a crosswalk on All America City Boulevard).

The project area is included in multiple City of Roseville planning documents. The design concept and scope of the project is consistent with the design goals and guidelines in the Roseville Community Design guidelines and is intended to meet the traffic needs in the area based on local land use plans. The project is funded through the Congestion Mitigation and Air Quality Improvement Program (CMAQ). As a project that constructs intersection channelization, the project meets federal regional conformity requirements.

The project is in conformance with City of Roseville regulations (i.e., consistent with the current land use designations for the project site). Additionally, as discussed below in Section 4.3(b), construction air quality emissions generated by the proposed project would not exceed the PCAPCD's emissions thresholds. These thresholds are established to identify projects that have the potential to generate a substantial amount of criteria air pollutants. Because the proposed project would not exceed these thresholds, the proposed project would not be considered by the PCAPCD to be a substantial emitter of criteria air pollutants and would not exacerbate nonattainment conditions or conflict with air quality plans adopted to attain and maintain the state and federal air quality standards. . Therefore, the project impacts would be less than significant.

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?

Construction Emissions

Less Than Significant Impact With Mitigation Incorporated. Project construction activities would generate short-term emissions of criteria air pollutants. The criteria pollutants of primary concern within

the project area include ozone-precursor pollutants (i.e., ROG and NO_X) and PM_{10} and $PM_{2.5}$. Construction-generated emissions are short term and temporary and last only while construction activities occur but can be significantly impact air quality if the volume of pollutants generated exceeds the PCAPCD's thresholds of significance.

Construction results in the temporary generation of emissions during demolition, site grading, road paving, motor vehicle exhaust associated with construction equipment and worker trips, and the movement of construction equipment, especially on unpaved surfaces. Emissions of airborne particulate matter are largely dependent on the amount of ground disturbance associated with site preparation activities, as well as weather conditions and the appropriate application of water.

The duration of construction activities associated with the proposed project are estimated to last approximately 18 months. The project's construction-related emissions were calculated using the PCAPCD-approved CalEEMod computer program, which is designed to model emissions for land use development projects, based on typical construction requirements. Project demolition, site preparation, and grading are anticipated to begin in early 2021. Although the details of proposed project construction have not been finalized, the conservative modeling assumptions include approximately 4,400 cubic yards of roadway excavation and approximately 2,000 cubic yards of import borrow. This would result in approximately 2,000 cubic yards of import and 3,600 cubic yards of export. Additionally, approximately 2,861 tons of existing pavement would be demolished. Paving was modeled to be completed by early 2022 and painting/striping to be completed summer 2022. The exact construction timeline is unknown; however, to be conservative, earlier dates were utilized in the modeling. This approach is conservative given that emissions factors decrease in future years due to regulatory and technological improvements and fleet turnover. See Appendix A: Air Quality Data, for additional information regarding the construction assumptions used in this analysis. The project's predicted maximum daily construction-related emissions are summarized in *Table 4.3-2, Construction-Related Emissions (Maximum Pounds Per Day).*

Table 4.3-2: Construction-Related Emissions (Maximum Pounds Per Day)

Emissions Source	Pollutant (maximum pounds per day)[1, 2]			
	Reactive Organic Gases (ROG)	**Nitrogen Oxide (NO_X)**	**Coarse Particulate Matter (PM_{10})**	**Fine Particulate Matter ($PM_{2.5}$)**
2021	3.95	42.39	9.91	6.16
2022	1.99	18.33	1.48	0.95
Maximum	3.95	42.39	9.91	6.16
PCAPCD Threshold	*82*	*82*	*82*	*N/A*
Exceed PCAPCD Threshold?	No	No	No	No

Notes:
1. Emissions were calculated using CalEEMod.
2. Placer County Air Pollution Control District, California Environmental Quality Act Air Quality Guidelines, updated May 2017. Source: Refer to the CalEEMod outputs provided in Appendix A, Air Quality Modeling Data.

Fugitive Dust Emissions. Fugitive dust emissions are associated with land clearing, ground excavation, cut-and-fill operations, demolition, and truck travel on unpaved roadways. Dust emissions also vary substantially from day to day, depending on the level of activity, the specific operations, and weather

conditions. Fugitive dust emissions may have a substantial, temporary impact on local air quality. In addition, fugitive dust may be a nuisance to those living and working in the project vicinity. Uncontrolled dust from construction can become a nuisance and potential health hazard to those living and working nearby. The PCAPCD recommends the implementation of the Recommended Construction Mitigation Measures, whether or not construction-related emissions exceed applicable significance thresholds; refer to **MM AQ-1**, below**.**

Construction Exhaust. Exhaust emission factors for typical diesel-powered heavy equipment are based on the CalEEMod program defaults. Variables factored into estimating the total construction emissions include: level of activity, length of construction period, number of pieces/types of equipment in use, site characteristics, weather conditions, number of construction personnel, and the amount of materials to be transported onsite or offsite. Exhaust emissions from construction activities include emissions associated with the transport of machinery and supplies to and from the project site, emissions produced on site as the equipment is used, and emissions from trucks transporting materials and workers to and from the site. Emitted pollutants would include ROG, NO_X, PM_{10}, and $PM_{2.5}$. The PCAPCD recommends the implementation of the Dust Control Measures, whether or not construction-related emissions exceed applicable significance thresholds; refer to **MM AQ-1**.

ROG Emissions. In addition to gaseous and particulate emissions, the application of asphalt and surface coatings creates ROG emissions, which are O_3 precursors. In accordance with the methodology prescribed by the PCAPCD, the ROG emissions associated with paving have been quantified with CalEEMod. The highest concentration of ROG emissions would be generated from pavement off-gassing. The proposed project does not include any structures and only minimal striping. Although this project is a roadway improvement project, any paints would be required to comply with *PCAPCD Rule 218: Architectural Coating*. Rule 218 provides specifications on painting practices and regulates the ROG content of paint. Additionally, compliance with *PCAPCD Rule 217: Cutback and Emulsified Asphalt Paving Materials*, would also be required. This rule dictates the reactive organic gases content of asphalt available for use during construction through regulating the sale and use of asphalt and limits the ROG content in asphalt.

In summary, as shown in Table 4.3-2, all criteria pollutant emissions would remain below their respective thresholds. However, PCAPCD considers fugitive dust emissions to be potentially significant without implementation of fugitive dust controls. Accordingly, **MM AQ-1** is required to reduce fugitive dust emissions to less than significant. NO_X emissions are primarily generated by engine combustion in construction equipment, haul trucks, and employee commuting, requiring the use of newer construction equipment with better emissions controls would reduce construction-related NO_X emissions.

The proposed project emissions would not worsen ambient air quality, create additional violations of federal and state standards, or delay the SVAB goal for meeting attainment standards. Impacts would be less than significant.

Operational Emissions

The proposed project includes two roundabouts and pedestrian and bicycle facilities improvements. The project would not generate any new automobile but may encourage new bicycle and pedestrian travel with the safety improvements. The proposed project would have nominal effects on traffic and existing vehicle distribution and travel speeds. The project is proposed to alleviate the current congestion, reduce intersection delays and queues, improve multimodal safety and better accommodate pedestrian and

bicycle traffic. The proposed project does would not induce substantial new traffic and no buildings are proposed. Therefore, the project would not generate any new operational emissions. Impacts would be less than significant.

Criteria Pollutant Health Impacts

On December 24, 2018, the California Supreme Court issued an opinion identifying the need to provide sufficient information connecting a project's air emissions to health impacts or explain why such information could not be ascertained (Sierra Club v. County of Fresno [Friant Ranch, L.P.] [2018] Cal.5th, Case No. S219783).

As previously discussed, project construction emissions would be less than significant and would not exceed PCAPCD thresholds (refer to *Table 4.3-2* above). The PCAPCD has set its CEQA significance threshold based on the trigger levels for the federal New Source Review (NSR) Program and PCAPCD's Rule 502 for new or modified sources. The NSR Program was created by the FCAA to ensure that stationary sources of air pollution are constructed or modified in a manner that is consistent with attainment of health-based federal ambient air quality standards. The federal ambient air quality standards establish the levels of air quality necessary, with an adequate margin of safety, to protect the public health. Project operations would also not generate an increase in emissions, and therefore would not exceed the ambient air quality standards or cause an increase in the frequency or severity of existing violations of those standards. Therefore, the proposed project would not violate any air quality standards or contribute substantially to an existing or projected air quality violation and no criteria pollutant health impacts would occur. Project impacts would be less than significant.

Cumulative Short-Term Emissions

The SVAB is designated nonattainment for O_3 and PM_{10}, for State standards and nonattainment for O_3 and $PM_{2.5}$ for Federal standards. As discussed above, the project's construction-related emissions by themselves would not have the potential to exceed the PCAPCD significance thresholds for criteria pollutants.

Since these thresholds indicate whether an individual project's emissions have the potential to affect cumulative regional air quality, it can be expected that the project-related construction emissions would not be cumulatively considerable. The PCAPCD recommends Dust Control Measures for all projects whether or not construction-related emissions exceed the thresholds of significance. Compliance with PCAPCD construction-related mitigation requirements are considered to reduce cumulative impacts at a Basin-wide level. As a result, construction emissions associated with the proposed project would not result in a cumulatively considerable contribution to significant cumulative air quality impacts.

Cumulative Long-Term Impacts

The PCAPCD has not established separate significance thresholds for cumulative operational emissions. The nature of air emissions is largely a cumulative impact. As a result, no single project is sufficient in size to, by itself, result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. The PCAPCD developed the operational thresholds of significance based on the level above which a project's individual emissions would result in a cumulatively considerable contribution to the Basin's existing air quality

conditions. Therefore, a project that exceeds the PCAPCD operational thresholds would also make a cumulatively considerable contribution to a significant cumulative impact.

As discussed above, the proposed project would not generate any new automobile, bicycle, or pedestrian traffic. Therefore, operational emissions associated with the proposed Project would not generate new operational emissions and would not result in a cumulatively considerable contribution to significant cumulative air quality impacts.

Mitigation Measures

MM AQ-1: Construction Air Quality Mitigation Measures. Prior to any grading activities, the contractor shall prepare and implement a Construction Management Plan that includes the PCAPCD Recommended Construction Mitigation Measures to minimize construction-related emissions. This shall plan shall first be reviewed and approved by the Public Works Director or designee. The PCAPCD Construction Mitigation Measures are:

1. Prior to approval of Improvement Plans, the contractor shall ensure that Construction Emission/Dust Control Plan is submitted to the PCAPCD.[3] Project construction shall not commence prior to receiving PCAPCD approval of the Construction Emission / Dust Control Plan.
2. The prime contractor shall submit to the PCAPCD a comprehensive inventory (i.e. make, model, year, emission rating) of all the heavy-duty off-road equipment (50 horsepower or greater) that will be used in aggregate of 40 or more hours for the construction project. If any new equipment is added after submission of the inventory, the prime contractor shall contact the PCAPCD prior to the new equipment being utilized. At least three business days prior to the use of subject heavy-duty off-road equipment, the project representative shall provide the PCAPCD with the anticipated construction timeline including start date, name, and phone number of the property owner, project manager, and on-site foreman.
3. The contractor shall use CARB ultra-low sulfur diesel fuel for all diesel-powered equipment.
4. In order to control dust, an operational watering truck shall be on site during construction hours. In addition, dry, mechanical sweeping is prohibited. Watering of a construction site shall be carried out in compliance with all pertinent PCAPCD rules.
5. The prime contractor shall be responsible for keeping adjacent public thoroughfares clean of silt, dirt, mud, and debris, and shall "wet broom" the streets (or use another method to control dust as approved by the individual jurisdiction) if silt, dirt, mud or debris is carried over to adjacent public thoroughfares. (*Based on PCAPCD Rule 228 / section 401.5*)
6. The contractor shall apply water or use other method to control dust impacts offsite. Construction vehicles leaving the site shall be cleaned to prevent dust, silt, mud, and dirt from being released or tracked off-site. (*Based on PCAPCD Rule 228 / section 401.1, 401.4*)
7. During construction, traffic speeds on all unpaved surfaces shall be limited to 15 miles per hour or less. (*Based on PCAPCD Rule 228/section 401.5*)

[3] The online Dust Control Plan Application form can be accessed on the PCAPCD's website (www.placer.ca.gov/apcd and click on Dust Control Requirements). If the PCAPCD does not respond within twenty (20) days of the plan being accepted as complete, the plan shall be considered approved.

8. The prime contractor shall suspend all grading operations when wind speeds (including instantaneous gusts) are excessive and dust is impacting adjacent properties. (*Based on PCAPCD Rule 228*)
9. In order to minimize wind driven dust during construction, the prime contractor shall apply methods such as surface stabilization, establishment of a vegetative cover, paving, (or use another method to control dust as approved by the individual jurisdiction). (*Based on PCAPCD Rule 228 / section 402*)
10. The contractor shall suspend all grading operations when fugitive dust exceeds PCAPCD Rule 228 (Fugitive Dust) limitations. The prime contractor shall be responsible for having an individual who is CARB-certified to perform Visible Emissions Evaluations (VEE). This individual shall evaluate compliance with Rule 228 on a weekly basis. It is to be noted that fugitive dust is not to exceed 40 percent opacity and not go beyond the property boundary at any time. Lime or other drying agents utilized to dry out wet grading areas shall not exceed PCAPCD Rule 228 Fugitive Dust limitations. Operators of vehicles and equipment found to exceed opacity limits will be notified by PCAPCD and the equipment must be repaired within 72 hours. (*Based on PCAPCD Rule 228*)
11. Construction equipment exhaust emissions shall not exceed PCAPCD Rule 202 Visible Emission limitations. Operators of vehicles and equipment found to exceed opacity limits are to be immediately notified by PCAPCD to cease operations and the equipment must be repaired within 72 hours. (*Based on PCAPCD Rule 202*)
12. The contractor shall not discharge into the atmosphere volatile organic compounds (VOCs) caused by the use or manufacture of Cutback or Emulsified asphalts for paving, road construction or road maintenance, unless such manufacture or use complies with the provisions of Rule 217. (*Based on PCAPCD Rule 217*).
13. During construction the contractor shall utilize existing power sources (e.g., power poles) or clean fuel (i.e. gasoline, biodiesel, natural gas) generators rather than temporary diesel power generators.
14. During construction, the contractor shall minimize idling time to a maximum of 5 minutes for all diesel-powered equipment.
15. During construction, no open burning of removed vegetation shall be allowed unless permitted by the PCAPCD. All removed vegetative material shall be either chipped on site or taken to an appropriate recycling site, or if a site is not available, a licensed disposal site. (Based on PCAPCD Rule 310).

As shown in Table 4.3-2, all criteria pollutant emissions would remain below their respective thresholds. The project would also be subject to compliance with PCAPCD Rule 228 that would require dust control measures (e.g., soil and stockpile stabilization measures). Impacts are less than significant.

c) Expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact. Sensitive land uses are defined as facilities or land uses that include members of the population that are particularly sensitive to the effects of air pollutants, such as children, the elderly, and people with illnesses. Examples of these sensitive receptors are residences, schools, hospitals, and daycare centers. Sensitive receptors in the area include single-family residences

approximately 20 feet south of All America City Boulevard and Woodbridge Elementary School 60 feet southwest of the project Site.

Toxic Air Contaminants

Construction equipment and associated heavy-duty truck traffic generate diesel exhaust, which is a known toxic air contaminants (TAC). Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors. The closest sensitive receptors to the project site are the residences to the east and west of the project site and the Bradford Woodbridge Fundamental Elementary School. PCAPCD provides guidance for evaluating impacts from TACs in its *CEQA Air Quality Guidelines* document. As noted therein, an incremental cancer risk of greater than 10 cases per million at the Maximally Exposed Individual (MEI) will result in a significant impact. The PCAPCD significance threshold for non-cancer hazards is 1.0.

Mobile Sources

The proposed project does not include new uses that would house sensitive receptors and therefore would not place sensitive receptors within 1,000-feet of a major roadway (mobile TAC sources). Additionally, the proposed project's effects to existing vehicle distribution and travel speeds would be nominal. Any changes to vehicle distribution and travel speeds can affect vehicle emissions rates, although these changes would be minimal and would not substantially change criteria pollutant emissions, which are primarily driven by VMT. Traffic is also predominantly light-duty and gasoline powered and therefore any shifts in traffic would not constitute a substantial change in cancer risk. The project would not increase roadway capacity, but would alleviate current congestion, reduce intersection delays and queues, improve multimodal safety, and better accommodate pedestrian and bicycle traffic. As such, the project would not generate increased emissions for new vehicle traffic and would potentially improve emissions from reduced idling, delay, and acceleration from a stopped position. Therefore, impacts related to cancer risk, hazards, and $PM_{2.5}$ concentrations from mobile sources would be less than.

Carbon Monoxide Hotspots

The primary mobile-source criteria pollutant of local concern is carbon monoxide (CO). Concentrations of CO are a direct function of the number of vehicles, length of delay, and traffic flow conditions. Transport of this criteria pollutant is extremely limited; CO disperses rapidly with distance from the source under normal meteorological conditions. Under certain meteorological conditions, however, CO concentrations close to congested intersections that experience high levels of traffic and elevated background concentrations may reach unhealthy levels, affecting nearby sensitive receptors. Areas of high CO concentrations, or "hot spots," are typically associated with intersections that are projected to operate at unacceptable levels of service during the peak commute hours. CO concentration modeling is therefore typically conducted for intersections that are projected to operate at unacceptable levels of service during peak commute hours.

The SVAB is designated as attainment for carbon monoxide (CO). The PCAPCD screening criteria notes that CO impacts may be determined to be less than significant if a project would not increase traffic volumes at local intersections to more than 550 lbs/day. Traffic would increase along surrounding roadways during long-term operational activities.

The proposed roundabout improvements and pedestrian and bicycle facility improvements would not increase roadway capacity and would not generate an increase in vehicle trips. The project would alleviate current congestion, reduce intersection delays and queues, improve multimodal safety and better accommodate pedestrian and bicycle traffic. The operational improvements would reduce idling, delay, and acceleration from a stopped position, thereby reducing localized vehicle emissions, including CO. As a result, the project would not create a CO hotspot and impacts would be less than significant.

Construction-Related Diesel Particulate Matter

Construction-related activities would result in project-generated emissions of diesel particulate matter (DPM) from the exhaust of off-road, heavy-duty diesel equipment for site preparation (e.g., demolition, clearing, grading); paving; application of architectural coatings; on-road truck travel; and other miscellaneous activities. For construction activity, DPM is the primary toxic air contaminant of concern. On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment are less of a concern because they would not stay on the site for long durations. Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors. The closest sensitive receptors to the project site are the single-family residences to the east and west and the Bradford Woodbridge Fundamental Elementary School.

Health-related risks associated with diesel-exhaust emissions are primarily linked to long-term exposure and the associated risk of contracting cancer. The use of diesel-powered construction equipment would be episodic and would occur throughout the site. Additionally, construction activities would be subject to and would comply with California regulations limiting idling to no more than five minutes, which would further reduce nearby sensitive receptors' exposure to temporary and variable diesel PM emissions. Furthermore, even during the most intense year of construction, emissions of diesel PM would be generated from different locations or at different times on the project site rather than in a single location because different types of construction activities (e.g., site preparation and paving) would not occur at the same place at the same time. Therefore, construction risk levels would be less than significant.

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

Less Than Significant Impact.

Construction

Construction activities associated with the proposed project may generate detectable odors from heavy duty equipment (i.e., diesel exhaust), as well as from coatings and asphalt off-gassing. Odors generated from the referenced sources are common in the man-made environment and are not known to be substantially offensive to adjacent receptors. Any construction-related odors would be short-term in nature and cease upon project completion. As a result, impacts to existing adjacent land uses from construction-related odors would be short-term in duration would be less than significant.

Operational

PCAPCD has not established odor screening thresholds for land uses that have the potential to generate substantial odor complaints, including wastewater treatment plants, landfills or transfer stations, composting facilities, confined animal facilities, food manufacturing, and chemical plants. Because

offensive odors rarely cause any physical harm and no requirements for their control are included in federal or state air quality regulations, neither PCAPCD has rules or standard related to odor emissions other than PCAPCD's Rule 205 Nuisance. This rule places general limitations on odorous substances and specific emission limitations on certain odorous compounds.

The proposed project is a roadway improvement project which includes a roundabout, associated lanes of travel, and pedestrian and bicycle improvements. With respect to odor impacts from adjacent and nearby properties that could affect project residents, land uses that typically produce objectionable odors include agricultural uses, wastewater treatment facilities, waste-disposal facilities, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding. None of these uses are proposed or located near the project site. Impacts would be less than significant.

Cumulative Impacts

The cumulative setting for air quality includes the City of Roseville and the SVAB. The SVAB is designated nonattainment for O_3 and PM_{10}, for State standards and nonattainment for O_3 and $PM_{2.5}$ for Federal standards. Cumulative growth in population and vehicle use could inhibit efforts to improve regional air quality and attain the ambient air quality standards.

The PCAPCD CEQA Air Quality Guidelines do not include separate significance thresholds for cumulative operational emissions. However, with respect to regional air pollution, the development of the project would not result in population growth and therefore is consistent with the City's General Plan projections. Additionally, as noted above, the project would improve multimodal safety and better accommodate pedestrian and bicycle traffic. The operational improvements would reduce idling, thereby reducing vehicle emissions.

As described in Section 4.3(a), above, the project would also be consistent with the appropriate City of Roseville regulations and plans as well as the PCAPCD emission thresholds, which are provided to reduce air quality emissions for the region. Additionally, the discussion in Section 4.3(b) addresses cumulative impacts and demonstrates that the project would not exceed the applicable PCAPCD thresholds. The PCAPCD CEQA Air Quality Guidelines note that the nature of air emissions is largely a cumulative impact. As a result, no single project is sufficient in size by itself to result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. Consistency with the PCAPCD's control measures would ensure that the project would not cumulatively contribute to air quality impacts in the Basin. Therefore, impacts would be less than significant.

Sources:

2016. Ambient Air Quality Standards. Last Revised: May 4, 2016. Available: http://www.arb.ca.gov/research/aaqs/aaqs2.pdf. Accessed: March 2020.

2018. Area Designations Maps/State and National. Last Revised: December 28, 2018. Available: http://www.arb.ca.gov/desig/adm/adm.htm. Accessed: March 2020.

Placer County Air Pollution Control District. 2017. CEQA Air Quality Handbook. November. 2018. Rules. Available: http://www.placerair.org/rules. Accessed: March 2020.

Placer County Air Pollution Control District. 2017a. Placer County Air Pollution Control District Policy – Review of Land Use Projects Under CEQA.

Placer County Air Pollution Control District. 2017b. Placer County Air Pollution Control District Policy – California Environmental Quality Act Thresholds of Significance.

Sacramento Area Council of Governments. 2016. 2016 *Metropolitan Transportation Plan/Sustainable Communities Strategy* (MTP/SCS). February. 2018. 2019–2022 Metropolitan Transportation Improvement Program (MTIP). September.

Sacramento Metropolitan Air Quality Management District. 2013. PM2.5 Implementation Plan and Redesignation Request for Sacramento $PM_{2.5}$ Nonattainment Area. October. 2018. Guide to Air Quality Assessment in Sacramento County. September.

Sacramento Metropolitan Air Quality Management District. 2017. Sacramento Metropolitan Air Quality Management District CEQA Guidance & Tools Internet Website. http://www.airquality.org/Residents/CEQA-Land-Use-Planning/CEQA-Guidance-Tools

2019. Air Data. Monitor Values Report. Available: https://www.epa.gov/outdoor-air-quality-data/monitor-values-report. Accessed: March 2020

2019. Nonattainment Areas for Criteria Pollutants. Last Revised: March 31, 2019. Available: https://www.epa.gov/green-book. Accessed: May 1, 2019.

4.4 Biological Resources

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and 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, 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 native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?		✓		
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?		✓		
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				✓

A Natural Environment Study (NES), subsequent wetland delineation was prepared for the proposed project in April of 2020. The NES provided an evaluation of biological resources in the project area, the results of which are summarized below. The biological resources reports are attached as Appendix B.

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

Less Than Significant Impact with Mitigation Incorporated. The proposed project would be constructed predominantly within existing roadways, areas with hardscape such as sidewalks and parking lots, and landscaped areas. A portion of the project site, approximately 0.114 acres consist of segments of a roadside ditch. The ditch is adjacent to other previously disturbed areas that contains trees and ruderal vegetation. These areas lay between Washington Boulevard and Lincoln Street south of the intersection and Washington Boulevard and the railroad tracks north of the intersection.

Habitat

Within the project site there are approximately 6.55 acres of paved area and ruderal disturbed habitat. The ruderal grassland vegetation community is dominated by weedy nonnative grasses and forbs such as Italian ryegrass (*Festuca perennis*), soft chess (*Bromus hordeaceus*), wild oats (*Avena fatua*), cut-leaved geranium (*Geranium dissectum*), and filaree (*Erodium botrys*). Trees are located within the ditch and along its banks and include native species of blue oak (*Quesrcus douglasii*), black willow (*Salix gooddingii*), and a variety of nonnative species including palm (*Pheonix* spp.), and plum (*Prumus* spp.) trees.

Plant Species

The proposed project site also contains several invasive plant species identified by the California Invasive Plant Council as being a serious problem in California. Plants are classified based on criteria including ecological impact, invasive potential, and distribution to assign plants to an overall inventory category of high, moderate, or limited. Invasive species within the project area and their ranking include Wild oats (*Avena fatua*), Ripgut brome (*Bromus diandrus*), and Italian ryegrass.

The NES evaluated the potential presence of special-status plant species in the project area. *Table 4.4-1- Potentially Occurring Special-Status Plan Species*, provides this information in tabular format below. A protocol-level rare plant survey was conducted during the bloom period for Sanford's arrowhead and did not identify the species on site. According to the NES, all potentially occurring special-status plants are absent from the project site.

Animal Species

The NES evaluated the potential presence of animal species in the project area. *Table 4.4-2- Potentially Occurring Special-Status Animal Species*, provides this information in tabular format below. The potential presence of special status animal species and habitat occurrence within the project site is discussed further below.

This page intentionally left blank

Table 4.4-1. Potentially Occurring Special-Status Plant Species

Species	Status (ESA, CESA, NPP, Other her)	Habitat Description	Survey Period	Potential to Occur in the Biological Study Area
Plants				
Big-scale balsamroot *(Balsamorhiza macrolepis* var. *macrolepis)*	-1B.2	Chaparral, cismontane woodland, and valley and foothill grassland, sometimes on serpentinite soils (148'–5,102').	March–June	Absent. The disturbed grassland onsite is not habitat for this species.
Hispid Bird's–beak *(Chloropyron molle* ssp. *hispidum)*	1B.1	Alkaline soils in meadows and seeps, playas, and valley and foothill grasslands (3'–509').	June–September	Absent. No suitable habitat present onsite.
Brandegee's clarkia *(Clarkia biloba* ssp. *brandegeeae)*	4.2	Chaparral, cismontane woodlands, and lower montane coniferous forest often along roadcuts (246'–3,002').	May–July	Absent. No suitable habitat present onsite.
Dwarf downingia *(Downingia pusilla)*	2B.2	Mesic areas in valley and foothill grassland, and vernal pools. Species appears to have an affinity for slight disturbance (i.e., scraped depressions, ditches, etc.) (Baldwin et al. 2012) (3'–1,460').	March–May	Absent. The drainage ditches onsite are not suitable habitat for this species.
Stinkbells *(Fritillaria agrestis)*	4.2	Clay and sometimes serpentinite soils in chaparral, cismontane woodland, Pinyon and juniper woodland, and valley and foothill grassland (33'–5,102').	March–June	Absent. No suitable habitat present onsite.
Boggs Lake hedge– hyssop *(Gratiola heterosepala)*	CE, 1B.2	Marshes, swamps, lake margins, and vernal pools (33'–7,792').	April–August	Absent. No suitable habitat present onsite.
Ahart's dwarf rush *(Juncus leiospermus* var. *ahartii)*	1B.2	Mesic areas in valley and foothill grassland. Species has an affinity for slight disturbance such as farmed fields (USFWS 2005) (98'–751').	March–May	Absent. The drainage ditches onsite are not suitable habitat for this species.
Red Bluff dwarf rush (*Juncus leiospermus var. leiospermus*)	1B.1	Vernally mesic areas in chaparral, cismontane woodland, meadows and seeps, valley and foothill grassland, and vernal pools (115'–4,101').	March–June	Absent. The drainage ditches onsite are not suitable habitat for this species.

Legenere (*Legenere limosa*)	1B.1	Various seasonally inundated areas including wetlands, wetland swales, marshes, vernal pools, artificial ponds, and floodplains of intermittent drainages (USFWS 2005) (3'–2,887').	April-June	Absent. No Suitable habitat present onsite.
Pincushion navarretia (*Navarretia myersii ssp. myersii*)	1B.1	Often acidic soils in vernal pools (66'-1,083")	April-May	Absent. No Suitable habitat present onsite.
Sacramento Orcutt grass (*Orcuttia viscida*)	FE, CE, 1B.1	Vernal pools (98'-328')	April-July	Absent. No Suitable habitat present onsite.
Sanfords Arrowhead (*Sagittaria sanfordii*)	1B.2	Shallow marches and freshwater swamps	May-October	Absent. A focused Survey conducted in June 2019 did not identify this species.

Table 4.4-2. Potentially Occurring Special-Status Animal Species

Species	Status (ESA, CESA/NPPA, other)	Habitat Description	Survey Results	Potential to Occur in the Biological Study Area
Invertebrates				
Conservancy fairy shrimp *(Branchinecta conservatio)*	FE	Vernal pools/wetlands	Habitat Absent	The roadside ditch does not support suitable habitat for this species. This species is not likely to occur.
Vernal pool fairy shrimp *(Branchinecta lynchi)*	FT	Vernal pools/wetlands	Habitat Absent	The roadside ditch does not support suitable habitat for this species. This species is not likely to occur.
Vernal pool tadpole shrimp *(Lepidurus packardi)*	FE	Vernal pools/wetlands	Habitat Absent	The roadside ditch does not support suitable habitat for this species. This species is not likely to occur.
Valley elderberry longhorn beetle *(Desmocerus californicus dimorphus*	FT	Elderberry shrubs	Habitat Absent	The roadside ditch does not support suitable habitat for this species. This species is not likely to occur.
Fish				
Delta smelt (*Hypomesus transpacificus*)	FT, CE	Sacramento-San Joaquin delta.	Habitat Absent	The roadside ditch does not provide suitable habitat for this species. This species is not likely to occur.

Steelhead (CA Central Valley DPS) (*Oncorhynchus mykiss*)	FT	Undamed rivers, streams, creeks	Habitat Absent	The roadside ditch does not provide suitable habitat for this species. This species is not likely to occur.
Amphibians				
California red-legged frog (*Rana draytonii*)	FT, SSC	Lowlands or foothills at waters with dense shrubby or emergent riparian vegetation. Adults must have aestivation habitat to endure summer dry down.	Habitat Absent	There is not suitable habitat for this species. This species does not occur in the region. This species is not likely to occur.
Western Spadefoot (*Spea hammondii*)	SSC	California endemic species of vernal pools, swales, wetlands and adjacent grasslands throughout the Central Valley.	Habitat Absent	There is not suitable habitat for this species. This species does not occur in the region. This species is not likely to occur.
Reptiles				
Giant garter snake (*Thamnophis gigas*)	FT, CT	Freshwater ditches, sloughs, and marshes in the Central Valley. Almost extirpated from the southern parts of its range.	Habitat Absent	The roadside ditch does not provide suitable habitat for this species. This species is not likely to occur.
Northwestern pond turtle (*Actinemys marorata*)	SSC	Requires basking sites and upland habitats up to 0.5 km from water for egg laying. Uses ponds, streams, detention basins, and irrigation ditches.	Habitat Absent	The roadside ditch does not provide suitable habitat for this species. This species is not likely to occur.
Birds				
Yellow-billed cuckoo (*Coccyzuz americanus*)	FT, CE, BCC	Nests in dense riparian scrub/woodland	Habitat Absent	The roadside ditch does not provide suitable breeding habitat for this species. This species is not likely to occur.
Rufous hummingbird (*Selasphorus rufus*)	BCC	Nesting habitat includes secondary succession communities and openings, mature forests, parks and residential area.	Habitat Absent	This species does not nest in the region. This species is not likely to occur.
California black rail (*Laterallus jamaicensis coturniculus*)	CT, BCC, CFP	Salt marsh, shallow freshwater marsh, wet meadows, and flooded grassy vegetation.	Habitat Absent	The roadside ditch does not provide suitable breeding habitat for this species. This species is not likely to occur.
Willett (*Tringa semipalmata*)	BCC	Breeds locally in interior of western North America. In California, breeding range includes the Klamath Basin and Modoc Plateau and portions of Mono and possibly Inyo counties. Breeding habitat includes prairies, Breeds in wetlands and grasslands on semiarid plains; in uplands near brackish or saline wetlands; prefers temporary,	Habitat Absent	This species does not nest in the region; the Project does not support suitable nesting or wintering habitat for this species. This species is not likely to occur.

		seasonal, and alkali wetlands over semipermanent and permanent wetlands.		
Double-crested cormorant (Phalacrocorax auritus)	CDFW, WL	Nests near ponds, lakes, artificial impoundments, slow-moving rivers, lagoons, estuaries, and open coastlines and typically forages in shallow water. Non-nesters are found in many coastal and inland waters.	Habitat Absent	The project site does not support suitable nesting or wintering habitat for this species. This species is not likely to occur.
Great blue heron (*Ardea herodias*)	CBDDB	Colonial nester; prefers to nest in vegetation on islands or in swamps but also found in upland habitats in trees, bushes, on the ground or on artificial structures. Foraging habitat is widely diverse and includes swamps, coastlines, estuaries, beaches, pastures, cultivated fields and riparian areas.	Habitat Absent	The project site does not support suitable nesting or wintering habitat for this species. This species is not likely to occur.
Great egret (*Ardea alba*)	CNDDB	Colonial nester; nests in woody vegetation, shrubs and trees usually near lakes, ponds, marshes estuaries, human-made impoundments, or natura and human-made islands.	Habitat Absent	The project site does not support suitable nesting or wintering habitat for this species. This species is not likely to occur.
Osprey (*Pandion haliaetus*)	CDFW, WL	Nesting habitat requires proximity to fish, open nest site free of mammalian predators, and extended ice-free season. They nest in large trees, snags, cliffs, transmission/ communication towers, artificial nest platforms, channel markers/buoys.	Habitat Absent	The project site does not support suitable nesting or wintering habitat for this species. This species is not likely to occur.
White-tailed kite (Elanus leucurus)	CFP	Nesting occurs within trees in low elevation grassland, agricultural, wetland, oak woodland, savannah, riparian, and urban habitats.	Habitat Present	Trees within and adjacent to the site represent potential nesting habitat for this species.
Cooper's hawk (Accipiter cooperii)	CDFW, WL	Nests in trees in riparian woodlands in deciduous, mixed and evergreen forests, as well as urban landscapes	Habitat Present	Trees within and adjacent to the site represent potential nesting habitat for this species.

Swainson's hawk (Buteo swainsoni)	CT, BCC	Nesting occurs in trees in agricultural, riparian, oak woodland, scrub, and urban landscapes. Forages over grassland, agricultural lands, particularly during disking/ harvesting, irrigated pastures	Habitat Present	Larger trees adjacent to the site represent potential nesting habitat for this species.
Golden eagle (*Aquila chrysaetos*)	BACC, CFP	Nesting habitat includes mountainous canyon land, rimrock terrain of open desert and grasslands, riparian, oak woodland/savannah, and chaparral.	Habitat Absent	The project site does not support suitable nesting or foraging habitat for this species. This species is not likely to occur.
Burrowing owl (Athene cunicularia)	BCC, SSC	Nests in burrows or burrow surrogates in open, treeless, areas within grassland, steppe, and desert biomes.	Habitat Present	Potential burrow/nesting habitat may be present within and adjacent to the site.
Lewis' woodpecker (Melanerpes lewis)	BCC	Nesting habitat includes open ponderosa pine forest, open riparian woodland, logged/burned forest, and oak woodlands.	Habitat Absent	The project site does not support suitable nesting or wintering habitat for this species. This species is not likely to occur.
Nuttall's woodpecker (*Dryobates nuttallii*)	BCC	Nests in tree cavities in oak woodlands and riparian woodlands.	Habitat Absent	The project site does not support suitable nesting or wintering habitat for this species. This species is not likely to occur.
Nuttall's woodpecker (Dryobates nuttallii)	BBC	Nests in tree cavities in oakwoodlands and riparianwoodlands.	Habitat Absent--	The project site does not support suitable nesting or wintering habitat for this species. This species is not likely to occur.
Merlin (falco columbarius)	BCC	Breeds near forest openings, fragmented woodlots, and riparian areas. Wintering habitat includes wide variety, open, forests, grasslands, tidal flats, plains, and urban settings.	Habitat Absent	The project site does not support suitable wintering habitat for this species. This species is not likely to occur.
Yellow Billed Maggie	BBC	Nesting habitat includes oak savannah with large in large expanses of open ground; also found in urban parklike settings.	Habitat Absent	The project site does not support suitable wintering habitat for this species. This species is not likely to occur.
Purple martin (Progne subis)--	SSC	Nesting habitat includes montane forests, Pacific lowlands with dead snags the isolated Sacramento population nests in weep holes under elevated highways/bridges.	Habitat Absent--	The project site does not support suitable nesting habitat for this species. This species is not likely to occur.

Bank swallow (*Riparia riparia*)	CT	Nests colonially along coasts, rivers, streams, lakes, reservoirs, and wetlands in vertical banks, cliffs, and bluffs in alluvial, friable soils. May also nest in sand, gravel quarries and road cuts.	Habitat Absent--	The project site does not support suitable nesting habitat for this species. This species is not likely to occur.
Oak titmouse (*Baeolophus inornatus*)	BCC	Nests in tree cavities within dry oak or oak-pine woodland and riparian; where oaks are absent, they nest in juniper woodland, open forests (gray, Jeffrey, Coulter, pinyon pines and Joshua tree).	Habitat Absent--	The project site does not support suitable nesting habitat for this species. This species is not likely to occur.
San Clemente spotted towhee (*Pipilo maculatus clementae*)	BCC, SCC	Resident on Santa Catalina and Santa Rosa Islands; extirpated on San Clemente Island, California. Breeds in dense, broadleaf shrubby brush, thickets, and tangles in chaparral, oak woodland, island woodland, and Bishop pine forest.	Habitat Absent	This subspecies does not occur in this region.
Grasshopper sparrow (*Ammodramus savannarum*)	SSC	Nests in moderately open grasslands and prairies with patchy bare ground. Avoids grasslands with extensive shrub cover; more likely to occupy large tracts of habitat than small fragments; removal of grass cover by grazing often detrimental.	Habitat Absent--	The project site does not support suitable nesting habitat for this species. This species is not likely to occur.
Song sparrow "Modesto" (*Melospiza melodia heermanni*)	BCC, SCC	Nests in marsh, scrub habitat	Habitat Absent--	The project site does not support suitable nesting habitat for this species. This species is not likely to occur.
California thrasher (*Toxostoma redivivum*)	SSC	Nests are usually well hidden in dense shrubs, including scrub oak, California lilac, and chamise.	Habitat Absent--	The project site does not support suitable nesting habitat for this species. This species is not likely to occur.
Tricolored blackbird (*Agelaius tricolor*)	CT, BCC, SSC	Nests colonially in freshwater marsh, blackberry bramble, milk thistle, triticale fields, weedy (mustard, mallow) fields, giant cane, safflower, stinging nettles, tamarisk, riparian scrublands and forests, fiddleneck and fava bean fields.	Habitat Absent--	The project site does not support suitable nesting habitat for this species. This species is not likely to occur.
Saltmarsh common yellowthroat (*Geothlypis trichas sinuosa*)	BCC, SSC	Breeds in salt marshes of San Francisco Bay; winters San Francisco south along coast to San Diego Co.	Habitat Absent--	The project site does not support suitable nesting habitat for this species. This species is not likely to occur.
Mammals				

American badger (*Taxidea taxus*)	SSC	Drier open stages of most shrub, forest, and herbaceous habitats with friable soils.	Habitat Absent--	There is no suitable habitat present for this species.
Pallid bat (*Antrozous pallidus*)	SSC	Crevices in rocky outcrops and cliffs, caves, mines, trees (e.g. basal hollows of redwoods, cavities of oaks, exfoliating pine and oak bark, deciduous trees in riparian areas, and fruit trees in orchards). Also roosts in various human structures such as bridges, barns, porches, bat boxes, and human-occupied as well as vacant buildings (WBWG 2017).	Habitat Absent--	There is no suitable habitat present for this species.
Townsend's big-eared bat (*Corynorhinus townsendii*)	SSC	Caves, mines, buildings, rock crevices, trees.	Habitat Absent--	There is no suitable habitat present for this species.

Status Codes: FESA Federal Endangered Species Act; CESA California Endangered Species Act; FE FESA listed, Endangered; FT FESA listed, Threatened; BCC USFWS Bird of Conservation Concern (USFWS 2008); CT CESA- or NPPA-listed, Threatened; CE CESA or NPPA listed, Endangered; SSC CDFW Species of Special Concern (CDFW, updated July 2017); CDFW WL CDFW Watch List; CFP California Fish and Game Code Fully Protected Species (§ 3511-birds, § 4700-mammals, §5 050- reptiles/amphibians).	CNDDB Species that is tracked by CDFG's CNDDB but does not have any of the above special-status designations otherwise; 1B CRPR/Rare or Endangered in California and elsewhere; 2B Plants rare, threatened, or endangered in California but more common elsewhere; 4 California Rare Plant Rank (CRPR)/Plants of Limited Distribution – A Watch List; 0.1 Threat Rank/Seriously threatened in California (over 80% of occurrences threatened / high degree and immediacy of threat); 0.2 Threat Rank/Moderately threatened in California (20-80% occurrences threatened / moderate degree and immediacy of threat)

This page intentionally left blank

Based on information in the NES, habitat is present for four special status animal species including: White-tailed kite, Cooper's hawk, Swainson's hawk, and Burrowing Owl. The large trees within and adjacent to the site represent potential nesting habitat for White-tailed kite, Cooper's hawk, and Swainson's hawk, there also is potential burrow and nesting habitat within the undeveloped project area that would be used as a potential staging site. Special-status birds, such as those listed above, are protected by the Migratory Bird Treaty Act (MBTA).

Removal of trees should any of the listed avian or other bird species be present during tree removal, or have active nests, typically between February 1 through August 31, would disrupt the species and result in a potential take. Similarly, if burrowing owl is present during ground disturbance or other construction activities and the birds or young are harmed, this also would be considered a take of the species. To reduce potential impacts to sensitive species that could occur from construction of the proposed project, **MM-BIO-1** and **MM-BIO-2** would be implemented. MM-BIO-1 would require an education program for workers, which would make them aware of special status species, sensitive habitats, and avoidance measures; and **MM-BIO-2** would require preconstruction surveys to determine if species are present and develop avoidance measures. Implementation of these measures would reduce impacts to special status species to less than significant.

MM-BIO-1: Prior to the commencement of construction activities, including grading and equipment staging, construction personnel shall participate in an environmental awareness training program. The program shall include a description of sensitive resources on and adjacent to the site including Waters of the U.S. and State, protected trees and nesting birds and raptors. Permit conditions identified by state and federal agencies regarding the avoidance of these resources shall be discussed and explained during the training.

MM-BIO-2: If construction is proposed to begin within 14 days of the nesting season (February 1 through August 31), a nesting bird survey shall be required. The survey shall be conducted prior to any ground disturbance or other construction activities. The pre-construction nesting bird surveys shall be conducted by a qualified biologist to the satisfaction of CDFW. If nesting birds, to include burrowing owl, are found during the survey, the nests shall be flagged and CDFW will be contacted for guidance. The City shall work with CDFW to develop a mitigation plan to ensure no unpermitted take occurs. Standards of the mitigation plan may include but not be limited to; postponing construction until the young have fledged; maintaining a 50-200-foot buffer depending on the species; relocation of species; habitat preservation or rehabilitation of the site for future use of the species.

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

and

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?

Less Than Significant Impact. The area of the proposed project surrounding the roundabout contains approximately 0.114-acres within the roadside ditches that receive intermittent water flow and are

considered aquatic resources. The ditches typically contain approximately 80% open water and during the site survey, (March 21, 2019), the roadside ditches were primarily unvegetated with small vegetated patches consisting of umbrella sedge (*Cyperus eragristis*), cattail (*Typha* spp.), and curly dock (*Rumex crispus*) at the margins when the survey was conducted. There were anywhere from a few inches up to two feet of standing water in the ditches but there was no flow. The ditch was delineated at the ordinary high-water mark, which was identified in the field by changes in vegetation species composition. *Table 4.4-3 Aquatic Resources* shows the constituency of the resources. Implementation of the proposed project from impacts that would include the roundabout and widening to accommodate sidewalks would result in permanent impacts to approximately 0.094 acres of these existing 0.114 acres of aquatic resources.

Table 4.4-3 – Aquatic Resources

Type	Acreage[1]
Wetlands:	0.00
Non-Wetland Waters:	--
Ditch	0.114
Total	0.114

A second wetland delineation was conducted by ICF and reported on April 14, 2020. This delineation was for an ephemeral ditch at the northerly end of the proposed project adjacent to the eastern right-of-way of Washington Boulevard. This area supports an approximate 6-foot wide roadside ditch that receives flow from a residential development south of the delineation area. The roadside ditch conveys urban runoff into the City's stormwater system and appears to connect downstream to the South Branch Pleasant Grove Creek. The ditch appears to have been constructed in an upland for the purpose of conveying street runoff. Dominant plant species include wild oat (*Avena* sp.) ripgut brome (*Bromus diandrus),* and valley oak (*Quercus lobate*). The soils and hydrology did not meet the standards to be considered wetland indicators. The finding of the report was that the ditch did not qualify as a wetland. This finding was confirmed by the USACE on May 14, 2020[4].

As part of the original biological resources report, mitigation was proposed to minimize effects to portions of waters on the project site that would not be removed to accommodate construction of the proposed project. This included preparation of a SWPPP and use of best management practices (BMPs) to minimize erosion. As discussed in *Section 4.10 – Hydrology and Water Quality* this would be a requirement of the proposed project in obtaining the National Pollution Discharge Elimination System (NPDES) permit. BMPs would include adding erosion control measures and inlet protection in grading plans. Erosion control measures may consist of but not be limited to the following: covering or exposed areas with mulch; use of construction mats; soils stabilizers; soils binders; fiber rolls or fiber blankets; temporary or permanent seeding, and preservation of existing vegetation where feasible. In addition, the proposed project includes designs that would restore existing drainages, and new drainages or drainage facilities, when feasible, will be revegetated with native seed mix. With these elements of the proposed project, mitigation in this regard would not be required and impacts would be less than significant.

[4] U.S. Army Corps of Engineers, Approved Jurisdictional Determination, Washington Boulevard/Andora Bridge Improvement Project, May 14,2020.

d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

Less Than Significant Impact With Mitigation Incorporated. The proposed project is surrounded by existing homes, other roadways, the Union Pacific Railroad tracks, commercial uses, and urbanized development. These uses and lack of connectivity with undisturbed natural locations precludes the project site from serving as a wildlife movement corridor. Impacts in this regard would be less than significant.

No nesting migratory birds or nesting birds of prey were observed during the field surveys; however, the surveys were conducted outside of the breeding season. Additionally, several birds protected by the MBTA were observed during the field surveys including mallard, northern mockingbird, European starling, and mourning dove. These and other species could potentially nest within the biological study area. if construction occurs during the breeding season. If construction resulted in disturbance to these species

This project has the potential to affect migratory birds and birds of prey if they are found to be nesting in the biological study area. With the implementation of the **MM-BIO-2**, which would require nesting bird surveys and limit construction should nests be location, impacts would be reduced to less than significant.

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

Less Than Significant Impact With Mitigation Incorporated. The proposed project would result in the removal of native oak trees adjacent to Washington Boulevard and the drainage ditch. Some of the trees have a diameter breast height of greater than six inches which are regulated by the City. Impacts to trees will be avoided by the project wherever possible. Worker environmental awareness training, as required in MM-BIO-1, would require the evaluation of and the goal to protect trees not scheduled for removal in the project area. As part of the proposed project and prior to approval, a tree removal permit in accordance with the City of Roseville Tree Preservation Ordinance (Roseville Municipal Code Chapter 19.66.030 – Tree Permits) would be required. A tree permit would be required for any regulated activity within the protected zone of a protected tree which is defined as a native oak tree equal to or greater than six inches diameter at breast height (DBH) measured as a total of a single trunk or multiple trunks. This also would require preparation of an arborist report which is required to contain specific information on the location, condition, impacts, and recommended actions and mitigation measures, such as planting of replacement trees, for a given site. **MM-BIO-3** would require additional protective measures for trees that would not require removal. Conformance with the Roseville Municipal Code and implementation of mitigation would reduce impacts to protected trees to less than significant.

MM-BIO-3: Prior to the issuance of any grading permit, a tree protection plan shall be submitted for review and approval by the City. The tree protection plan will consist of measures such as using high visibility ESA fencing to surround trees that are to be retained and denote areas that are not to be disturbed from construction activities. The plan shall not allow vehicle parking, equipment storage, vegetation or ground disturbing activities in any fenced area.

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. The proposed project is within an urbanized area and is not part of an adopted habitat conservation plan Natural Community Conservation Plan or other approved local, regional, or state habitat conservation plan. No impacts would occur, and mitigation is not required.

Cumulative Impacts

The proposed project would result in incremental increases to the loss of marginal habitat for some sensitive animal species. Impacts would be fully mitigated in accordance with all required permitting procedures and efforts in consultation with State and federal wildlife agencies. Cumulative projects within the cumulative impact area for biological resources have been identified to have a less than significant impact because they are located within an urban area and there is no native habitat on or adjacent to the project site. Similar to the proposed project, mitigation measures requiring pre-construction surveys, wetland preservation and avoidance, or wetland mitigation, should it be required, and mitigation for other biological resources would be required as part of those cumulative projects. Therefore, potential impacts on biological resources are considered less than cumulatively considerable.

Sources:

2020, April. Natural Environment Study, Washington Boulevard at All America City Boulevard Roundabout Project. ECORP Consulting.

2020, April. Aquatic Resources Delineation, Washington Boulevard at All America City Boulevard Roundabout Project. ECORP Consulting.

4.5 Cultural Resources

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to in § 15064.5?			✓	
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?		✓		
c) Disturb any human remains, including those interred outside of dedicated cemeteries?		✓		

An Archaeological Survey Report (ASR) was prepared by InContext in May of 2020. The ASR provided information used to address potential impacts to historic and archaeological resources associated with implementation of the proposed project. The report is summarized below and is included as Appendix C of this Initial Study. The purpose and scope of the ASR is to document efforts to identify cultural resources that could be affected by the proposed project within what is termed the Area of Potential Effects (APE).

The APE occupies approximately 5.5 acres and is restricted to the existing right-of-way except for temporary use of a portion of parcel 011-030-006-000 used for equipment staging. Potential impacts to cultural resources were evaluated based on the proposed areas of ground disturbance including demolition of existing roadways and hardscape and excavation to maximum depths of 2 and 3 feet. Efforts to identify cultural resources for this project consisted of a records search and literature review, outreach to historical societies and tribal entities in compliance with Section 106 of the National Historic Preservation Act (Section 106), and an intensive pedestrian survey.

To provide a context and evaluate the potential for resources to exist within the APE, on March 20, 2019, a record search for the proposed project was completed by the North Central Information Center (NWIC) at California State University, Sacramento. The records search included a search of previously identified sites and surveys present within the APE and a 1/2-mile radius of the APE, as well as 13 sources of maps and historical literature. The City of Roseville Historical Society and the Placer County Historical Society were sent letters on April 4, 2019 but no responses were received. No responses to the letters were received. On March 18, 2019 and April 8, 2019, tribal consultation in accordance with AB 52 (Colfax-Todds Valley Consolidated Tribe, Shingle Springs Band of Miwok Indians, Tsi Akim Maidu, United Auburn Indian Community of the Auburn Rancheria, and the Washoe Tribe of Nevada and California) and records

requests were made. Responses related to the Sacred Lands File returned negative results, and only one tribe responded to the AB 52 request indicating they did not have an interest in the proposed project at this time. The NAHC also provided detailed instructions to comply with AB52 and a Native American Consultation List for Placer County.

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

Less Than Significant Impact. The above discussed records search showed that two cultural resources studies were conducted within the APE (Arrington 2006; Windmiller 2009). In addition, there were five cultural resource studies conducted within the ½-mile search radius (Feldman 2003; Fuerstenberg et al. 2014; Maniery and Maniery 1986; Morehouse and Rom 2015; St. Claire 2004).

Within the APE there was one identified cultural resource, Lincoln Street (P-31-3672). This resource is not part of the Lincoln Highway but is the remnant of the Roseville to Lincoln Road, which paralleled the Southern Pacific Railroad tracks (USGS 1910). The southern end of Lincoln Street begins at its intersection with Pacific Street and ends at the intersection with All America City Blvd. A defunct section of the road extends north past All America City Blvd for approximately 500 ft (feet/foot), along the course of which it transitions from patchy asphalt to dirt. The portion of P-31-3672 within the APE is a total of 630 ft in length, 500 ft of which is the unmaintained portion.

This resource appears to meet the criteria for Properties Exempt from Evaluation because the 500 ft unmaintained section of the road is a minor, ubiquitous, or fragmentary infrastructure element of an isolated segment of bypassed road. The remaining 100 ft of maintained roadway within the APE meets the criteria of Property 3: Buildings, structures, objects, districts, and sites so altered as to appear less than 30 years old. This resource is not listed in a local survey of historic properties. As a result, P-31-3672 is exempt from evaluation and need not be considered further.

Six resources have been identified within the larger ½-mile radius. These consist of two residential streets, Los Vegas Avenue (P-31-6138/CA-PLA-2644H) and Lawton Road (P-31-6139/CA-PLA-2645H), the Union Pacific Railroad Line (P-31-816/CA-PLA-690H), the Sierra Bridge (P-31-3747), Old Town Roseville (P-31-4240), and the Floriculture building on the Placer County @ The Grounds (P-31-6140). These six resources are not within the APE and would not be directly or indirectly affected by the proposed project.

Any known historic resources present on the project site are not designated as significant. Therefore, the proposed project would not cause a substantial adverse change in the significance of a historical resource pursuant to in § 15064.5.

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

Less Than Significant Impact With Mitigation Incorporated. As discussed above, the records searched of the APE did not reveal any known archaeological resources that could be affected by the proposed project. In addition, based on information provided by the Native American Heritage Commission and tribes on the NAHC consultation list, no known resources exist within the project site or APE. Nonetheless, the records search findings indicate that the APE is sensitive for the presence of buried prehistoric and historic-period archaeological deposits that have the potential to be eligible for listing in the NRHP. This is due to the area's pre-European occupation by the Southern Maidu people and

proximity to the Pitchiku village site, subsequent Euroamerican occupation during the California Gold Rush, and later history involving the Transcontinental Railroad. These known factors, coupled with Cometa-Ramona Series soils' slightly acidic to neutral pH, which is good for organic artifact preservation, contributes to the potential sensitivity of the area.

Therefore, while no known resources exist and excavation depths would be limited to approximately 2-3 ft in depth, and the potential for the project to uncover undisturbed soils and undisturbed archaeological resources is low, there is the potential for disturbance. Demolition and removal of existing hardscape, and grading and excavation, could result in the inadvertent discovery of unknown archaeological or cultural resources. This could result in damage or destruction of the resource and is considered a potentially significant impact for which mitigation would be required.

Mitigation Measures MM CUL-1 through **MM CUL-3** are standard measures applied by Lead Agencies for the purpose of reducing potential impacts from previously unknown archaeological resources and human remains. No further analysis of this issue is required.

Mitigation Measures

MM CUL-1: The improvement plans shall include a statement that if any archaeological artifacts, exotic rock (non-native), or unusual amounts of shell or bone are uncovered during any on-site construction activities, all work shall be stopped immediately within a 100-foot radius of the find and a qualified archaeologist retained to evaluate the deposit.

If the discovery consists of human remains, the Placer County Coroner and Native American Heritage Commission must also be contacted. Work in the area may only proceed after authorization is granted by the City of Roseville Engineering Division. Following a review of the new find and consultation with appropriate experts, if necessary, the authority to proceed may be accompanied by the addition of development requirements that provide protection of the site and/or additional mitigation measures necessary to address the unique or sensitive nature of the site.

MM CUL-2: Prior to the start of ground disturbance, all construction personnel involved with earth-moving activities should be informed that artifacts protected by law could be discovered during excavating. The contractor shall be responsible for providing training shall include the appearance of common artifacts and proper notification procedures should artifacts be discovered. This worker training shall be prepared and presented by a qualified archaeological professional.

MM CUL-3: Prior to the start of ground disturbance, develop a standard operating procedure, points of contact, timeline and schedule for the project, to avoid or minimize possible damages and assess possible alternatives if needed.

If potential archaeological resources cultural resources, articulated, or disarticulated human remains are discovered by Native American Representatives or Monitors from interested Native American Tribes, qualified cultural resources specialists or other project personnel during construction activities, work will cease in the immediate vicinity of the find (based on the apparent distribution of cultural resources), whether or not a Native American Monitor from an interested Native American Tribe is present. A qualified cultural resources specialist and Native American Representatives and

Monitors from culturally affiliated Native American Tribes will assess the significance of the find and make recommendations for further evaluation and treatment as necessary. These recommendations will be documented in the project record. For any recommendations made by interested Native American Tribes which are not implemented, a justification for why the recommendation was not followed will be provided in the project record.

If adverse impacts to tribal cultural resources, unique archeology, or other cultural resources occurs, then consultation with UAIC regarding mitigation contained in the Public Resources Code sections 21084.3(a) and (b) and CEQA Guidelines section 15370 should occur, in order to coordinate for compensation for the impact by replacing or providing substitute resources or environments.

MM CUL-4: Implement Measures to Protect Previously Unidentified Cultural Resources

The City shall ensure that construction specifications include the following information in the grading notes.

- Construction shall stop if potential cultural resources are encountered. It is possible that previous activities have obscured surface evidence of cultural resources. If signs of an archeological site, such as any unusual amounts of stone, bone, or shell, are uncovered during grading or other construction activities, work will be halted within 100 feet of the find and the City of Roseville will be notified. A qualified archeologist will be consulted for an onsite evaluation. If the site appears to be eligible for listing in state or federal registers, additional mitigation, such as further testing for evaluation or data recovery, may be necessary.
- In the event resources are discovered, the City will retain a qualified archaeologist to assess the find and to determine whether the resource requires further study. Any previously undiscovered resources found during construction will be recorded on appropriate California Department of Parks and Recreation 523 forms and evaluated for significance under all applicable regulatory criteria.
- All work will stop in the immediate vicinity of the find, and, if the find is determined to be an important cultural resource, the City will make available contingency funding and a time allotment sufficient to allow recovery of an archaeological sample or to implement an avoidance measure. Construction work may continue on other parts of the project while archaeological mitigation takes place.

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

Less Than Significant Impact with Mitigation Incorporated.

There are no known formal cemeteries within the project site, and neither the results of the records search nor the pedestrian survey indicates that human remains are present within the project site. However, there is always the possibility that ground-disturbing activities during construction may uncover previously unknown buried human remains; such disturbance would be a potentially significant impact. Implementation of Mitigation Measure CUL-5 would reduce this impact to a less-than-significant level.

MM CUL-5: Implement Measures if Construction Activities Inadvertently Discover or Disturb Human Remains

The City shall ensure that construction specifications include the following in the grading notes.

- If human remains are discovered during any phase of construction, including disarticulated or cremated remains, the construction contractor will immediately cease all ground-disturbing activities within 100 feet of the remains and notify the City of Roseville.
- In accordance with California State Health and Safety Code Section 7050.5, no further disturbance will occur until the following steps have been completed:
    - The County Coroner has made the necessary findings as to origin and disposition pursuant to Public Resources Code Section 5097.98.
    - If the remains are determined by the County Coroner to be Native American, NAHC will be notified within 24 hours, and the treatment and disposition of the remains will comply with NAHC guidelines.
- It is further recommended that a professional archaeologist with Native American burial experience conduct a field investigation of the specific site and consult with the Most Likely Descendant (MLD), if any, identified by NAHC. As necessary and appropriate, a professional archaeologist may provide technical assistance to the MLD, including excavation and removal of the human remains.

Cumulative Impacts

Cumulative impacts to cultural resources are site-specific and not generally subject to cumulative impacts unless multiple projects impact a common resource, or an affected resource extends off-site, such as a historic townsite or district. The cumulative analyses for these resources consider whether the proposed project, in combination with the past, present, and reasonably foreseeable projects, could cumulatively affect any common cultural or paleontological resources.

The proposed project could result in potential site-specific impacts to currently unknown archaeological, and cultural resources discovered during grading and construction. Other projects within the cumulative study area also have the potential to result in damage and/or loss to these resources. The combination of the proposed project as well as past, present, and reasonably foreseeable projects in the City and Placer County would be required to comply with all applicable State, federal, and County and local regulations concerning preservation, salvage, or handling of cultural and paleontological resources, including compliance with required mitigation. Similar to the proposed project, these projects also would be required to implement and conform to mitigation measures, which would be likely to reduce impacts to less than significant. Although in the process of development, some known or unknown resources may be lost, it is not anticipated that these impacts would be cumulatively considerable. In addition, implementation of Mitigation Measures CUL-1 through CUL-3 would reduce project-specific impacts to a less than significant level. Therefore, the project's contribution to cumulative impacts would be less than significant

Sources:

2020, May. Archaeological Survey Report, Washington Boulevard at All America City Boulevard (WAAC) Roundabout Project. InContext

4.6 Energy

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?			✓	
e) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?			✓	

City of Roseville

The City of Roseville General Plan contains relevant goals, policies, and implementation programs regarding energy conservation in the Air Quality Element. The policies address energy conservation and air pollutant emission reduction by encouraging energy efficient building designs and transportation systems and promoting energy efficiency retrofits of existing structures. Policies also promote building and transportation energy efficiency in new residential and commercial development by encouraging and incentivizing implementation measures early in the design and development process. The General Plan policies also encourage energy efficiency by identifying potential cost savings, resource, and health benefits.

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

Less Than Significant Impact. The proposed project involves roadway improvements which would not increase roadway capacity or generate new vehicle, bicycle, or pedestrian traffic that would generate wasteful, inefficient or unnecessary consumption of energy resources. The analysis below explains the impacts in this regard would be less than significant.

Electricity

Electricity is provided to the project area by Roseville Electric. The proposed project is not a typical land use project associated with electricity usage. As proposed, the project would relocate the existing streetlights and add additional lights as necessary to light the proposed roundabout. Project implementation would include some new high efficiency lighting, such as LEDs, for traffic, pedestrian, and bicycle safety but would not substantially increase electricity consumption over existing conditions. Total peak electricity demand in Roseville Electric Utility's service area was approximately 354 MW, however; estimated power generated was 1,225 GWH, meaning demand was approximately three percent of total

power generated. As the proposed lighting would be high efficiency, any increase electricity demand would be nominal and the proposed project would not substantially increase overall demand in the utility's service area.

Project implementation would not interfere with achievement of the 60 percent Renewable Portfolio Standard set forth in SB 100 for 2030 or the 100 percent standard for 2045. These goals apply to and Roseville Electric Utility and other electricity retailers. As electricity retailers reach these goals, emissions from end-user electricity use would decrease from current emission estimates. As noted above, the project would not increase electricity demand and would not impact the electric utility's level of service.

Natural Gas

PG&E provides natural gas service to the project area. The project does not propose any new structures or operations that would use natural gas. Natural gas consumption would be minimal during construction as well and may be needed for some equipment. Therefore, the natural gas demand from the proposed project would represent a nominal percentage of overall demand in PG&E's service area. The project would not result in a significant impact due to wasteful, inefficient, or unnecessary consumption of natural gas resources, during project construction or operation.

Fuel

During construction, transportation energy use depends on the type and number of trips, vehicle miles traveled, fuel efficiency of vehicles, and travel mode. Transportation energy use during construction would come from the transport and use of construction equipment, delivery vehicles and haul trucks, and construction employee vehicles that would use diesel fuel and/or gasoline. The use of energy resources by these vehicles would fluctuate according to the phase of construction and would be temporary. Most construction equipment during grading would be gas-powered or diesel-powered, and the later construction phases would require electricity-powered equipment. Idling of in-use off-road heavy-duty diesel vehicles in California are limited to five consecutive minutes per Title 13, California Code of Regulations, Section 2449(d)(3). Project construction equipment would also be required to comply with the latest U.S. Environmental Protection Agency (U.S. EPA) and CARB engine emissions standards. These engines use highly efficient combustion engines to minimize unnecessary fuel use.

The proposed project includes construction activities that would use energy, primarily in the form of diesel fuel for mobile construction equipment. Contractors would be required to monitor air quality emissions of construction activities using applicable regulatory guidance such as from the PCAPCD CEQA Guidelines. This requirement indirectly relates to construction energy conservation because when air pollutant emissions are reduced from the monitoring and the efficient use of equipment and materials, energy use is reduced. There are no aspects of the proposed project that would foreseeably result in the inefficient, wasteful, or unnecessary use of energy during construction activities.

Due to increasing transportation costs and fuel prices, contractors and owners have a strong financial incentive to avoid wasteful, inefficient, and unnecessary use of energy during construction. There is growing recognition among developers and retailers that sustainable construction is not prohibitively expensive and that there is a significant cost-savings potential in green building practices. The use of battery-powered tools and equipment that do not rely on gas to operate are also becoming more common. Impacts related to transportation energy use during construction would be temporary and

would not require expanded energy supplies or the construction of new infrastructure; impacts would not be significant.

The proposed project is a roadway improvement project that would improve multimodal safety and better accommodate pedestrian and bicycle traffic. The proposed project would not increase roadway capacity or generate any new automobile, but may induce new bicycle and pedestrian traffic with the safety improvements. The reduction in congestion would reduce idling time and associated fuel consumption. Consequently, the proposed project would not result in a substantial demand for energy that would require expanded supplies or the construction of other infrastructure or expansion of existing facilities. Proposed project operations would not substantially affect existing energy or fuel supplies or resources. The proposed project would comply with applicable energy standards and new capacity would not be required. Fuel consumption associated with vehicle trips generated by the proposed project would not be considered inefficient, wasteful, or unnecessary. Impacts are less than significant, and no mitigation is required.

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

Less Than Significant Impact. The proposed project involves roadway improvements. The proposed project would construct a roundabout within Washington Boulevard, All America City Boulevard, and Lincoln Street intersections and create safer pedestrian and bicycle crossings. The Communitywide SAP establishes GHG emissions goals for transit expansion and bike and pedestrian enhancement for 2035 as well as an overall GHG target for the project region consistent with both the target date of AB 32 and the post-2020 GHG reduction goals of EOs 5-03-05 and B-30-15. The levels of fuel consumption and GHG partly result from the region's reliance on petroleum-based gasoline and diesel fuels, as well as the average fuel efficiency of vehicles. The proposed project is consistent with regional strategies to reduce passenger vehicle miles traveled (VMT), which would reduce fuel consumption. The proposed project would enhance circulation and safety in the project area and thus reduce congestion and energy consumption. The provision of the enhanced and safer pedestrian facilities would promote alternative means of transportation and is a key strategy to reducing regional VMT. Therefore, the proposed project would be consistent with regional goals to reduce trips and VMT by locating infrastructure to promote alternative transportation solutions, reduce vehicle trip lengths and thus reduce energy consumption. The proposed project would not conflict with the stated goals and reduction targets of Communitywide SAP. Potential impacts are considered less than significant, and no mitigation is required.

Cumulative Impacts

Construction associated with implementation of the proposed project would result in the consumption of fuel and energy, but it would not do so in a wasteful manner. Proposed project operations would improve intersection operations and reduce congestion, which would reduce vehicle idling and associated fuel consumption. The consumption of fuel and energy would not be substantial in comparison to statewide electricity, natural gas, gasoline, and diesel demand. New capacity or supplies of energy resources would not be required. Additionally, the proposed project would be subject to compliance with all Federal, State, and local requirements for energy efficiency to which it would comply.

The proposed project, in conjunction with cumulative development in the site vicinity, would not itself make a substantial contribution to the increase of urbanization and result in substantial increased energy consumption. Taken in sum, other projects in conjunction with the proposed project, would increase

overall energy consumption. However, potential land use impacts are site-specific and require evaluation on a case-by-case basis. Each cumulative project would require separate discretionary approval and CEQA assessment, which would address potential energy consumption impacts and identify necessary mitigation measures, where appropriate.

Therefore, as noted above, the proposed project is a roadway improvement project and would not result in significant energy consumption impacts. The proposed project would not be considered inefficient, wasteful, or unnecessary with regard to energy. Thus, the proposed project would not make a substantial contribution to other identified cumulative projects are is not anticipated to result in a significant cumulative impact.

Sources:

City of Roseville Electric Utility, 2018 Annual Report More Powerful Together, 2019. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Roseville%20Electric%20Utility/Annual%20Report/Electric_AnnualReport_2018_Web.pdf

City of Roseville. 2016a. General Plan 2035. Available: https://www.roseville.ca.us/government/departments/development_services/planning/general_plan_development_guidelines/. Accessed March 2020.

Sacramento Area Council of Governments. 2016. 2016 Metropolitan Transportation Plan/Sustainable Communities Strategy. Building a Sustainable Future. Adopted February 18U.S. Environmental Protection Agency 2017a

4.7 Geology and Soils

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact 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 or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.			✓	
ii) Strong seismic ground shaking?			✓	
iii) Seismic-related ground failure, including liquefaction?			✓	
iv) Landslides?				✓
b) Result in substantial soil erosion or the loss of topsoil?			✓	
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?			✓	
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?			✓	
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?				✓

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?		✓		

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

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

Less Than Significant Impact. The proposed project is not located within an earthquake fault zone as designated by the Alquist-Priolo Earthquake Fault Zone Act. The Alquist-Priolo Earthquake Fault Zoning Act (Act) was passed in 1972 to address the hazard of surface faulting to structures for human occupancy. The Act's main purpose is to prevent the construction of buildings used for human occupancy on the surface trace of active faults. The Act requires the State Geologist to establish regulatory zones, known as "Alquist-Priolo (AP) Earthquake Fault Zones" around the surface traces of active faults and to issue appropriate maps. If an active fault is found, a structure for human occupancy cannot be placed over the trace of the fault and must be set back from the fault (typically 50 feet). Per the City's General Plan, Roseville is not included within any special study area and, consequently, not subject to these requirements. The City's General Plan also notes there are no known active faults within the City of Roseville and the risk of fault rapture is considered to be very low.

Three inactive faults lie within the immediate Roseville vicinity: 1) the Volcano Hill Fault, extending northwesterly for approximately one mile starting just east of the City limits; 2) the Linda Creek Fault (the existence of which is disputed due to lack of recorded activity) extends along a portion of Linda Creek through Roseville and a portion of Sacramento County; and, 3) an unnamed fault alignment extending east to west between Folsom Lake and the City of Rocklin, portions of which are concealed, but possibly connected to the Bear Mountain Fault near Folsom Lake. There are no known active faults within Placer County. While the seismic hazard occurrence in Roseville is not high, the City has established policies and actions to minimize injury and property damage due to seismic activity and geologic hazards as noted below:

Policy 1: Continue to monitor seismic activity in the region and take appropriate action if significant seismic hazards, including potentially active faults, are discovered in planning area.

Policy 2: Continue to mitigate the potential impacts of geologic hazards through building plan review.

Policy 3: Minimize soil erosion and sedimentation by maintaining compatible land uses, suitable building designs, and appropriate construction techniques.

Policy 4: Comply with state seismic and building standards in the design and siting of critical facilities including police and fire stations, school facilities, hospitals, hazardous material manufacture and storage facilities, bridges, and large public assembly halls.

Policy 5: Create and adopt slope development standards prior to or as part of the planning process for any area identified as having significant slope.

Policy 6: Require contour grading, where feasible, and revegetation to mitigate the appearance of engineered slopes and to control erosion.

Compliance with the policies and actions above would reduce the potential for seismic hazards to occur on the project site. In addition, the proposed project includes grading to a few feet in depth and does not have the potential to exacerbate any risk associated with fault rupture. The possibility of significant fault rupture on the project site is very low, considered to be less than significant, and no mitigation is required.

ii) Strong seismic ground shaking?

Less Than Significant Impact. The project site is not located in an area considered by the California Geological Survey to be in a relatively high ground shaking zone. Per the City's General Plan and according to the California Geological Survey's Seismic Shaking Hazards maps of California (1999), the Sacramento Region has a low probability of experiencing significant ground shaking. As discussed above, the closest known earthquake faults to the City of Roseville are inactive. While the potential for seismic ground shaking is low, the proposed project roundabout, roadway, and pedestrian and bicycle improvements would be required to be constructed in conformance with the California Building Code (CBC), City regulations, and other applicable standards. The proposed project would comply with General Plan policies and goals, including Policies 1-5 listed above. Compliance with these policies and goals would reduce the potential for seismic ground shaking to adversely impact the project site. Furthermore, conformance with standard engineering practices and design criteria would reduce the effects of seismic ground shaking to a less than significant level. In addition, the proposed project includes grading to a few feet in depth and does not have the potential to exacerbate any risk associated with seismic ground shaking. No mitigation is required.

iii) Seismic-related ground failure, including liquefaction?

Less Than Significant Impact. Liquefaction is the loss of strength that generally occurs as a "quicksand" type of ground failure caused by strong ground shaking. Liquefaction generally occurs in cohesionless, saturated soils when the pore-water pressure induced in the soil by a seismic event becomes equal to or exceeds the overburden pressure. The primary factors influencing liquefaction potential include groundwater, soil type, relative density of the sandy soils, confining pressure, and the intensity and duration of ground shaking. Per the City's General Plan and according to State Division of Mines and Geology, the City of Roseville is not specifically addressed in currently available liquefaction risk data. No determination has been made that liquefaction exists in the Roseville area. Based on project-specific

analysis and past experience, liquefaction has not been a significant problem within the City. The project site is not located in an area considered to be exposed to relatively high ground shaking and ground shaking, as a result of seismic activity from nearby or distant earthquake faults, would not cause seismic-related ground failure, including liquefaction. In addition, the proposed project includes grading to a few feet in depth and does not have the potential to exacerbate the risk of ground failure or liquefaction. The potential for seismic-related ground failure, including liquefaction, is low, thus impacts are less than significant. No mitigation required.

iv) Landslides?

No Impact. Landslides are mass movements of the ground that include rock falls, relatively shallow slumping and sliding of soil, and deeper rotational or transitional movement of soil or rock. The project site is relatively flat and, according to the City's General Plan, the City of Roseville is not identified as an area prone to landslide hazards. In addition, the proposed project does not have the potential to exacerbate any risk associated with landslides. No impact from landslides would occur and no mitigation is required.

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

Less Than Significant Impact. Grading during the construction phase of the proposed project would displace soils and temporarily increase the potential for soils to be subject to wind and water erosion. However, erosion and loss of topsoil would be controlled using standard erosion control practices during construction. Accordingly, the proposed project would be required to prepare a SWPPP under the National Pollutant Discharge Elimination System (NPDES) General Construction Permit to implement BMPs to minimize stormwater runoff during construction. Adherence to the SWPPP and compliance with the General Plan Policies 1-5 listed above would reduce possible impacts related to the erosion to less than significant. No mitigation required.

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?

Less Than Significant Impact. As discussed previously, the project site is relatively flat and is not located near any areas with steep topography that would be susceptible to landslides or liquefaction. The project site is not located in a known subsidence area as identified by the City of Roseville General Plan and is not located on soils that exhibit the potential to subside. Furthermore, the project would comply with General Plan Policies 1-5 listed above which would minimize impacts related to lateral spreading, subsidence, liquefaction or collapse. In addition, no unstable geologic units or soils are located on the proposed project, so there is no potential for related risks. Thus, impacts would be less than significant.

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

Less Than Significant Impact. The proposed project would be required to conform with the California Building Code, city regulations, and other applicable construction and design standards including General Plan Policies 1-5 listed above. The proposed project would not exacerbate any conditions associated with

expansive soils. Conformance with standard engineering practices, design criteria would ensure impacts related to expansive soil potential remain less than significant.

e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

No Impact. No septic tanks or alternative wastewater disposal systems are proposed as part of the project. Therefore, no impact would occur and no mitigation is required.

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

Less than Significant Impact with Mitigation Incorporated. The project site and surrounding areas are urbanized and previously disturbed. The General Plan identifies three main geologic formations in the City and no known recorded paleontological resources. The proposed project would comply with the City's General Plan Policies regarding Archaeological, Historic and Cultural Resources, would comply with Policies 1-5 listed above, and would meet state codes regarding identification and protection of archaeological and paleontological resources. Compliance with these regulations would ensure impacts are less than significant.

Although impacts are anticipated to be less than significant, implementation of **Mitigation Measure MM GEO-1 and GEO-2** would further reduce the potential for significant adverse environmental impacts on paleontological resources. Mitigation would provide for the salvage of fossil remains and associated specimen data and corresponding geologic and geographic site data that otherwise might be lost to earth-moving and to unauthorized fossil collecting. Impacts would be less than significant.

Mitigation Measures

MM- GEO-1: If Paleontological Resources Found Cease Work until Review Conducted by Qualified Paleontologist and Recommendations Implemented

Should evidence of sensitive paleontological resources (e.g., fossils) be encountered during grading or excavation, work shall be suspended within 100 feet of the find, and the City of Roseville shall be immediately notified. At that time, the City shall coordinate all necessary investigation of the site with a qualified paleontologist to assess the resource and provide proper management recommendations. Possible management recommendations for sensitive resources could include resource avoidance or data recovery excavations. The contractor shall implement any measures deemed necessary by the paleontologist for the protection of sensitive paleontological resources.

MM – GEO-2: Prepare and Implement a Worker Education Program for Those Involved with Earthwork

A worker education program, prepared by a qualified professional paleontologist, shall review applicable local, state, and federal ordinances, laws, and regulations pertaining to paleontological resources; describe the types of fossils that can be encountered and their general appearance; discuss site avoidance requirements and notification procedures to be followed in the event that a sensitive paleontological resource is found during

construction; and describe disciplinary and other actions that can be taken against persons violating such laws.

Cumulative Impacts

The incremental effects of the proposed project related to geology and soils, if any, are anticipated to be minimal, and any effects would be site-specific. Therefore, the proposed project would not result in incremental effects to geology and soils that could be compounded or increased when considered together with similar effects from other past, present, and reasonably foreseeable probable future projects. In addition, the proposed project include grading to a depth of a few feet and does not have the potential to exacerbate any existing geologic hazard. The proposed project would not result in cumulatively considerable impacts to or from geology and soils.

Sources:

Roseville, City of. General Plan 2035, 2016. Available: https://www.roseville.ca.us/government/departments/development_services/planning/general_plan_development_guidelines.

Roseville, City of. Environmental Impact Report (EIR) Downtown Roseville Specific Plan, 2009. Available: http://roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8775091.

4.8 Greenhouse Gas Emissions

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			✓	
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			✓	

A Greenhouse Gas Emissions analysis was prepared for the proposed project by Kimley-Horn and Associates. The Greenhouse Gas Emissions data is provided in Appendix A; the results and conclusions of the report are summarized herein.

Certain gases in the earth's atmosphere classified as GHGs, play a critical role in determining the earth's surface temperature. Emissions of GHGs contributing to global climate change are attributable in large part to human activities associated with transportation, industrial/manufacturing, utility, residential, commercial, and agricultural emissions sectors. California is a significant emitter of CO_2e in the world. The State of California has adopted various administrative initiatives and legislation relating to climate change, much of which set aggressive goals for GHG emissions reductions statewide. The proposed project is located in the jurisdiction of the PCAPCD. The PCAPCD's CEQA Air Quality Guidelines provide significance thresholds for project GHG emissions that are used by the City of Roseville. If the PCAPCD thresholds are exceeded, a potentially significant impact could result. These recommendations represent the best available science on the subject of what constitutes a significant GHG effect on climate change for this project. The PCAPCD's recommended thresholds are as follows:

- Bright line Threshold of 10,000 metric tons of CO_2e per year for the construction and operational phases of land use projects as well as the stationary source projects
- Efficiency Matrix for the operational phase of land use development projects when emissions exceed the De Minimis Level, and
- De Minimis Level for the operational phases of 1,100 metric tons of CO_2e per year.

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

Less than Significant Impact.

Short-Term Construction Greenhouse Gas Emissions

The proposed project would result in direct GHG emissions from construction-related activities. The approximate daily GHG emissions generated by construction equipment utilized to build the proposed project are included in *Table 4.8-1, Construction-Related Greenhouse Gas Emissions*.

Table 4.8-1: Construction-Related Greenhouse Gas Emissions

Category	$MTCO_2e$[1, 2]
Total Construction Emissions	553
30-Year Amortized Construction	18

Notes:
1. Emissions were calculated using CalEEMod.
2. Construction emissions are provided for informational purposes. The PCAPCD does not have construction GHG thresholds. Source: Kimley-Horn and Associates, 2019; refer to Appendix A of the Greenhouse Gas Emissions Assessment for model outputs.

As shown in *Table 4.8-1*, project construction-related activities would generate approximately 553 $MTCO_2e$ of GHG emissions over the course of construction. Construction GHG emissions are typically summed and amortized over the project's lifetime (assumed to be 30 years), then added to the operational emissions. The amortized project emissions would be 18 $MTCO_2e$ per year. Once construction is complete, the generation of construction related GHG emissions would cease.

Long-Term Operational Greenhouse Gas Emissions

The proposed project includes one roundabout and pedestrian and bicycle facility improvements. The proposed project would not generate any new automobile trips but may encourage bicycle and pedestrian travel due to the safety improvements and additional of bike lanes and pedestrian accommodations. The anticipated effects on vehicle traffic and the effects to existing vehicle distribution and travel speeds would be nominal. The proposed project would not increase roadway capacity but would alleviate current congestion, reduce intersection delays and queues, and improve multimodal safety. The proposed project does not include any new traffic and buildings are not proposed to be constructed. Therefore, the project would not generate any new operational emissions. Impacts would be less than significant.

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

Less than Significant Impact. California's Executive Branch has taken several actions to reduce GHGs using executive orders. Although not regulatory, they set the state's tone and guide the actions of state agencies. The reduction goals established in these executive orders represent what some scientists believe is necessary to reach levels that will stabilize the climate within the next 10 to 30 years. The goals established in the Executive Orders are not legally enforceable for local governments or the private sector.

Executive Order S-3-05 was issued on June 1, 2005, which established the following GHG emissions reduction targets:

- By 2010, reduce greenhouse gas emissions to 2000 levels.
- By 2020, reduce greenhouse gas emissions to 1990 levels.
- By 2050, reduce greenhouse gas emissions to 80 percent below 1990 levels.

Concerning Executive Order S-3-05's 2050 goals, it is presently not possible to quantify the emissions savings from future regulatory measures, as they have not yet been developed. California Assembly Bill (AB) 32 required the state to reduce GHG emissions to 1990 levels by 2020 and Senate Bill (SB) 32 requires the state to reduce GHG emissions to 40 percent below 1990 levels by 2030. The state has not yet adopted legislation for the 2050 target. Nevertheless, it can be anticipated that proposed project operations would comply with all applicable measures that State lawmakers have enacted and that would lead to an 80 percent reduction below 1990 levels by 2050.

The proposed project demonstrates consistency with the General Plan goals and policies. The design concept and scope of the proposed project is consistent with the project description in the CIP and is intended to meet the traffic needs in the area based on local land use plans. The proposed project would not conflict with any applicable plan, policy, or regulation of an agency adopted to reduce GHG emissions, including Title 24, AB 32, and SB 32. Therefore, impacts would be less than significant.

Cumulative Impacts

Climate change is a global problem. GHGs are global pollutants, unlike criteria air pollutants and toxic air contaminants, which are pollutants of regional and local concern. Whereas pollutants with localized air quality effects have relatively short atmospheric lifetimes (approximately one day), GHGs have much longer atmospheric lifetimes of one year to several thousand years that allow them to be dispersed around the globe.

It is generally the case that projects such as the proposed roundabout and associated improvements are of a size and nature not of a sufficient magnitude to solely influence climate change or result in a substantial contribution to the global GHG inventory. GHG impacts are recognized as exclusively cumulative impacts; there are no non-cumulative GHG emission impacts from a climate change perspective. The additive effect of the proposed project related GHG emissions would not result in a reasonably foreseeable cumulatively considerable contribution to global climate change. In addition, the proposed project as well as other cumulative related projects, would be subject to all applicable regulatory requirements, which would further reduce GHG emissions. The project proposes a roundabout at an existing stop-controlled intersection and would not increase roadway capacity. The project would alleviate current congestion, reduce intersection delays and queues, improve multimodal safety, and better accommodate pedestrian and bicycle traffic. The project would not generate increased emissions for new vehicle traffic and would potentially improve emissions from reduced idling and delay. The proposed project would not conflict with any GHG reduction plan. Therefore, the proposed project's cumulative contribution of GHG emissions would be less than significant and the project's cumulative GHG impacts would also be less than cumulatively considerable.

Sources:

California Air Resources Board. 2008. Climate Change Scoping Plan Appendices Volume II: Analysis and Documentation.

City of Roseville. 2016a. General Plan 2035. Available: https://www.roseville.ca.us/government/departments/development_services/planning/general_plan_development_guidelines/. Accessed March 2020.

2018a. SB 375 Regional Greenhouse Gas Emission Reduction Targets. Available: https://www.arb.ca.gov/cc/sb375/finaltargets2018.pdf. Accessed: March 2020.

2018b. California Greenhouse Gas Emission Inventory - 2018 Edition. Last Revised: July 11, 2018. Available: https://www.arb.ca.gov/cc/inventory/data/data.htm. Accessed: July 16, 2018.

2018c. 2018 Progress Report: California's Sustainable Communities and Climate Protection Act. November.

2019. California Air Resources Board 2017 Scoping Plan-Identified VMT Reductions and Relationship to State Climate Goals. January.

Placer County Air Pollution Control District. 2017. CEQA Air Quality Handbook. November.

Sacramento Area Council of Governments. 2016. 2016 Metropolitan Transportation Plan/Sustainable Communities Strategy. Building a Sustainable Future. Adopted February 18U.S. Environmental Protection Agency 2017a

U.S. Environmental Protection Agency. 2019. Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2017. April.

4.9 Hazards and Hazardous Materials

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			✓	
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?		✓		
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?			✓	
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?		✓		
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?				✓

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?				✓

A Phase I Initial Site Assessment was prepared for the proposed project by Kimley-Horn and Associates (May 2019) and is provided as Appendix D; the results of the report are summarized herein.

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

Less than Significant Impact. Per the Phase I Initial Site Assessment (ISA) prepared for the proposed project, the project site was developed as a roadway as early as 1891 and since that time has been improved over the years. The current proposed improvements including construction would involve the transport and use of fuels and lubricating fluids in construction equipment, asphaltic emulsions associated with the asphalt-concrete paving operations, cement materials, base and subbase materials, joint and curing compounds, concrete curing compounds, paints, solvents, thinners, acids, mortar mix, landscaping materials (including topsoil, plants, herbicides, fertilizers, mulch and pesticides), and general site debris. The transport of hazardous materials is regulated via the Federal Hazardous Materials Transportation Act. On-site storage of these materials, where applicable, would occur consistent with the California Fire Code. The transport, use, and handling of these materials would be a temporary activity coinciding with project construction. Although such materials may be stored on the project site, any transport, use, and handling of these materials is expected to be limited to quantities and concentrations required to operate and maintain equipment. Removal and disposal of any hazardous materials from the project site during construction would be conducted by a permitted and licensed service provider.

Any handling, transport, use, or disposal would comply with all applicable federal, State, and local agencies and regulations, including the USEPA, the California Department of Toxic Substances Control (DTSC), Caltrans, the California Occupational Safety and Health Administration, the Resource Conservation and Recovery Act, and the Placer County Environmental Health Department. During long-term project operation, hazardous and potentially hazardous materials may be transported by vehicles traveling on project roadways. However, this transport, while occurring on the project site, is not a part of the proposed project. Therefore, long-term operational impacts associated with the transport, use, and disposal of hazardous materials would be less than significant.

b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less than Significant Impact with Mitigation Incorporated. A site reconnaissance was conducted on May 17, 2019 to identify potential sources or indications of chemical contamination such as underground storage tanks (USTs), aboveground storage tanks (ASTs), polychlorinated biphenyls (PCBs), chemicals and hazardous waste materials, areas with surficial staining or distressed vegetation, and visual evidence of asbestos-containing materials (ACMs) and/or lead-based paint. The site reconnaissance was limited to the right-of-way and immediately surrounding areas which would potentially be affected by the proposed improvements. An Environmental Data Resources (EDR) report was prepared and provided current regulatory database information compiled by a variety of federal and state regulatory agencies. A copy of the EDR database reports are included in the appendices of the ISA (Appendix D). Only sites that are judged to present a potential environmental risk to the subject property and/or warrant additional clarification are further evaluated and summarized herein.

Kimley-Horn submitted a records request for Certified Unified Program Agency (CUPA) files via the City of Roseville's City Clerk's website on May 29, 2019. A summary of the records received is below:

- 699 Washington Boulevard: no hazardous materials records on file.
- 800 All America City Boulevard: no further action report review dated March 26, 2019 related to unauthorized underground storage tank release at Placer County @ The Grounds requested a supplemental report. Based on correspondence with the City Clerk's office, included in Appendix D, the facility passed its annual inspection on April 11, 2019.
- 510 Washington Boulevard: is located approximately 300 feet south of the project boundaries. Records indicate that subsurface investigation performed at site on March 1985 consisted of the installation of three groundwater monitoring wells around the perimeter of the former gasoline USTs. The results of this initial investigation revealed that the total petroleum hydrocarbons as gasoline (TPHg) were present in soil and groundwater beneath the Site. A Corrective Action Plan submitted in June 1998 outlined the basic design for Soil Vapor extraction. Soil remediation was implemented, however an Additional Characterization Workplan was submitted in August 2000 recommending additional well monitoring. Quarterly groundwater monitoring events occurred from March 1994 through March 2002. As discussed in Section 4.4, the site is currently listed as a case closed in the Geo Tracker database.

Project Site

The project site and surrounding area were evaluated in the ISA to identify current and historical conditions of *recognized environmental conditions* (RECs), *controlled recognized environmental conditions* (CREC) and historical recognized environmental conditions (HRECs). The ISA identified one REC (discussed below), however did not identify any CREC or HRECS in association with the project site.

A REC is defined in the ASTM Standard as the presence or likely presence of hazardous substances or petroleum products in, on, or at a property: 1) due to release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment. The ISA identified the following REC, listed in the regulatory database report that was judged to present a potential environmental risk to the project site:

- Placer County Fair (All American Speedway) located at 800 All America City Boulevard (immediately adjacent to the project site to the west)

  This facility is listed on the CERS, LUST, HIST CORTESE and Cortese databases in the EDR report. The site is also listed on the GeoTracker database as a Leaking Underground Storage Tank (LUST). According to GeoTracker, this case is open, but eligible for closure as of March 28, 2019. This case was related to an unauthorized release from an underground storage tank that was discovered in August of 1998. Corrective action occurred under the direction of the Central Valley Regional Water Quality Control Board (CVRWQCB). Corrective action consisted of site investigation, planning and implementation of remedial action, and verification monitoring. The most recent correspondence provided in GeoTracker is a letter dated May 8, 2019 from CVRWQCB that states the site needs to complete a mandated public comment period. The CVRWQCB is required to disclose to the public the intent to close the LUST case for this site. Assuming this administrative step will be completed and no further investigations are warranted as a result of the public comment period, this site will receive a "No Further Action Letter".

The proposed project would occur immediately adjacent to the Placer County @ The Grounds (All American Speedway) facility and there is a potential that previously spilled materials migrated off-site. Construction activities from the proposed project may disturb contaminated soil and groundwater. As such, there is the potential for contaminated media to be encountered during the proposed improvement activities. Based on this potential, the preparation of a Soil Management Plan is recommended.

Kimley-Horn also performed a Tier 1 Vapor Encroachment Screening (VES) with the purpose of identifying if a Vapor Encroachment Condition (VEC) may exist at the proposed project site. A VEC is defined as the presence or likely presence of contaminants of concern (COC) vapors in the subsurface of a subject site caused by a release of hazardous substances and/or petroleum compounds into soil and groundwater. The VES identified other locations at higher elevations than the project site within the Area of Concern (AOC). These other sites contained both non-petroleum hydrocarbon COCs and petroleum hydrocarbons. Because the proposed project site is at a lower gradient, and based on the reasonably ascertainable information reviewed during this screening process, there is a potential that a Vapor Encroachment Condition (VEC) from the non-petroleum hydrocarbon COCs or petroleum hydrocarbons exists on the proposed project site.

Implementation of the following **Mitigation Measures MM HAZ-1** and **MM HAZ-2** would reduce potential impacts associated with the release of hazardous materials to the public or environment to a less-than-significant level.

Mitigation Measures

MM HAZ-1: Prior to any project related ground disturbance activities, a Soil Management Plan for the proposed project site shall be prepared by the contractor to evaluate the potential for upset or release of hazardous materials to the environment. The Soil Management Plan shall identify the nearby contaminated site(s), affected media, and corresponding contaminants of concern. Specific procedures shall be identified for handling the potentially impacted media during construction. The Soil Management Plan shall contain a contingency plan in the event that gross contamination is discovered during

construction. The Soil Management Plan shall also outline health and safety concerns for workers that may come in contact with potentially contaminated media.

MM HAZ-2: The contractor shall retain a licensed hazardous materials professional to test for vapor encroachment conditions (VEC) on the proposed project site. If the licensed professional finds that VEC conditions do exist or are likely to occur, the licensed professional or other qualified party at the request of the contractor and to the satisfaction of the City of Roseville, shall install a vapor mitigation system (such as a vapor barrier or other mechanism) in order to mitigate potential risks to human health and safety. The plan for implementation and remediation shall conform to all applicable local and state hazardous materials requirements. A complete report of all findings and any measures taken to reduce risk shall be submitted to the Public Works Director for review and approval prior to initiation of any other project related ground disturbance.

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

Less Than Significant Impact. The westernmost improvements proposed on All America City Boulevard are located adjacent to the Bradford Woodbridge Fundamental Elementary School located at 515 Niles Avenue. The school is located approximately 350 feet west of the proposed round-a-bout. The proposed project is a roadway improvement and does not include any uses that are typically associated with or anticipated to generate hazardous emissions or hazardous materials that would typically represent a hazard to a school. The proposed project would include short-term construction activities using standard methodologies to remove existing roadway infrastructure and install the round-a-bout, associated roadways, and pedestrian and bicycle facilities. Construction would include the handling and use of materials such as fuels and lubricants needed to operate machinery but would not use any acutely hazardous materials in quantities that would constitute a substantial risk to human health and safety. Long term operation of the proposed project would be consistent with the operation of any other roadway and therefore, any future school developed in the surrounding area would not be substantially impacted by the proposed improvements. Any future school use would be subject to the oversight of the California Environmental Protection Agency (Cal EPA) and California Department of Toxic Substances Control (DTSC) including an evaluation of potentially harmful nearby areas. In addition, as required by State law, new school sites are required to be free of contamination or, if the properties were previously contaminated, they must be remediated under DTSC's oversight. Therefore, impacts are less than significant.

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?

Less Than Significant Impact with Mitigation Incorporated. Government Code Section 65962.5 refers to the Hazardous Waste and Substances Site List, commonly known as the Cortese List, maintained by the DTSC. The project site is not included on a hazardous site list compiled pursuant to California Government Code Section 65962.5. However, according to the Phase I ISA prepared for the proposed project, there was one Recognized Environmental Condition (REC) identified in association with the project site that requires additional investigation.

As discussed in c) above, the Placer County Fair (All American Speedway) located at 800 All America City Boulevard (immediately adjacent to the project site to the west) was listed on the CERS, LUST, HIST CORTESE and Cortese databases in the EDR report. Although it is considered unlikely, it is unknown if but possible that spilled materials migrated to the proposed project site. Therefore, although the project site is not listed as a CORTESE site, given improvements that require ground disturbance are planned immediately adjacent to this facility and there is potential for construction activities to disturb contaminated soil and groundwater. Implementation of the above-mentioned **Mitigation Measure MM HAZ-1**, regarding the discovery of contaminated soils and preparation of a Soil Management Plan, would reduce potential impacts to the public or environment to a less-than-significant level.

Mitigation Measure

See above **MM HAZ-1**.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

No Impact. The proposed project is not located within an airport land use plan, or the vicinity of a public airport or private airstrip. There are three airports in the regional vicinity of the project site, including McClellan Airfield, Sacramento International Airport and the Lincoln Airport. The nearest airport to the project site is McClellan Airfield, which is located approximately 9.5 miles southwest of the project site, thus the proposed project would not create a safety hazard for people residing or working in the project area. The proposed project is not located within the vicinity of a private airstrip and would not result in a safety hazard for people residing or working in the project area. No impacts would occur and no mitigation is required.

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

No Impact. The proposed project would not impair or physically interfere with an adopted emergency response or evacuation plan. Primary access to all major roads would be maintained during construction of the proposed project. The proposed project does not contain any elements that would impede the flow of traffic once complete and therefore, would not impede the flow of any emergency response or evacuation plan. Therefore, no associated impacts would occur.

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

No Impact. The proposed project would not expose people or structures to a risk of loss, injury or death involving wildland fires. The project site is in a developed urban area and it is not adjacent to any wildland areas. The California Department of Forestry and Fire Protection (CAL FIRE) has mapped areas of significant fire hazards based on fuels, terrain, weather, and other relevant factors. These zones, referred to as Fire Hazard Severity Zones (FHSZ), represent the risks associated with wildland fires. Fire Hazard Severity Zones mapped by CAL FIRE for State and local responsibility areas are classified as either "Medium" "High", or "Very High" based on fire hazards. No Fire Hazard Severity Zones for State responsibility areas or Very High Fire Hazard Severity Zones for local responsibility areas have been

identified within or adjacent to the project site. Therefore, no impact would occur in regard to wildland fires and no mitigation is required.

Cumulative Impacts

The Downtown Roseville Specific Plan EIR concluded that project sites within the plan area, including the proposed project, would involve the storage, use, and transport of hazardous materials during construction phases of project activities. Hazardous materials are strictly regulated by local, state, and federal laws. Specifically, these laws are designed to ensure that hazardous materials do not result in spills or a gradual increase in toxins in the environment over. For each of the reasonably foreseeable projects under consideration, including the proposed project, various measures would be implemented as a condition of development approval for the risks associated with exposure to hazardous materials. Measures would include incorporating the requirements of applicable local, state, and federal laws and regulations during all phases of project development.

Similar to the proposed project, reasonably foreseeable projects could result in construction impacts related to the routine transport, disposal, or handling of hazardous materials; intermittent use and transport of petroleum---based lubricants, solvents, and fuels; and transport of affected soil to and from sites. However, hazardous waste generated during construction of any project would be collected, properly characterized for disposal, and transported in compliance with regulations such as the Resource Conservation and Recovery Act of 1976, U.S. Department of Transportation Hazardous Materials Regulations, and local Certified Unified Program Agency regulations. The proposed project would not be a contributing factor to cumulative hazards and impacts would be less than significant.

Sources:

Roseville, City of. General Plan 2035, 2016. Available: https://www.roseville.ca.us/government/departments/development_services/planning/general_plan_development_guidelines.

Roseville, City of. Environmental Impact Report (EIR) Downtown Roseville Specific Plan, 2009. Available: http://roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8775091.

Kimley-Horn and Associates, Phase I Initial Site Assessment: Washington Boulevard at All America City Boulevard (WAAC) Roundabout Project, 2019.

California Waterboards – GEOTracker, 2019 - Available: http://geotracker.waterboards.ca.gov/

California Department of Forestry and Fire Protection. Fire and Resource Assessment Program (FRAP). FHSZ Viewer. Available at: https://egis.fire.ca.gov/FHSZ/

California Department of Forestry and Fire Protection. Board of Forestry and Fire Protection. SRA Viewer. Available at: https://bof.fire.ca.gov/projects-and-programs/state-responsibility-area-viewer/

4.10 Hydrology and Water Quality

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?			✓	
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?			✓	
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:			✓	
i. Result in 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?			✓	
iv. Impede or redirect flood flows?			✓	
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?			✓	

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?			✓	

A Drainage Memorandum was prepared for the proposed project. The Drainage Memo is provided in Appendix E.

Existing Stormwater Drainage Facilities

With the current roadways and existing grades of the project site, runoff generally flows northerly to a system of ditches that ultimately discharge to the South Branch Pleasant Grove Creek (SBPGC). Along Washington Boulevard south of All America City Boulevard, runoff is captured along curb and gutter on the west side of the road which flows to a drain inlet located at a sag point on the west side of Washington Boulevard. A portion of All America City Boulevard also collects and flows along curb and gutter to this inlet. The storm drain system conducts water east under Washington Boulevard and discharges to a roadside ditch on the east side of Washington Boulevard. Runoff from a vacant lot between Washington Boulevard and Lincoln Street sheet flows into the same ditch that runs along the east side of Washington Boulevard. This ditch flows north through a culvert under Lincoln Street and continues flowing north in a ditch that runs along the west side of the Union Pacific rail line. The other half of All America City Boulevard along with the northern portion of Washington Boulevard collects within curb and gutter and flows offsite along curb and gutter along the east side of Washington Boulevard.

The drainage system proposed for the project would maintain a similar drainage pattern to what currently exists on site. Overall, the area drained by the proposed overall watershed area would remain the same as compared to the existing conditions. The proposed watershed map can be found in Appendix E. Consistent with the City of Roseville Design Standard (RDS). To model the anticipated flows, portions of the project area based on contours, slopes and drainage points were modeled. Based on this, the overall watershed of the site was divided into 12 distinct smaller watersheds. The modeled area included Washington Boulevard to the northerly to the end of the ditch and south to the southern project boundary, All America City Boulevard west to Niles Boulevard, and Lincoln Street including the potential staging area. *Table 4.10-1, Project Site Watersheds*, below shows these areas including the percentage of proposed impervious areas within each. For the watershed modeled areas, there would be approximately 3.193 acres pervious area, and approximately 2.217 acres of impervious surface.

Drainage, the proposed project would be required to accommodate the local drainage system based on the 10-year storm peak discharge. As discussed, the proposed project would not substantially alter the existing surface flows and flow regimes. The proposed project would maintain the existing sag point on Washington Boulevard and would install a new sag point within the roundabout to collect surface water from that area. The proposed project would improve other areas with new curb and gutter to accommodate existing concentrated flows. In addition, inlets would be introduced as well as curb cuts to

permit drainage into a lined trapezoidal channel that would carry the existing ditch flow to its existing discharge point.

Table 4.10-1 – Project Site Watersheds

Watershed	Areas (acres)	Percent Pervious	Acres Pervious	Acres Impervious
WS-1a	0.16	17%	0.027	0.133
WS-1b	0.28	15%	0.042	0.238
WS-1c	0.31	41%	0.127	0.183
WS-2	2.97	85%	2.524	0.446
WS-3a	0.12	22%	0.0264	0.094
WS-3b	0.66	26%	0.171	0.489
WS-3c	0.06	0%	0.00	0.06
WS-5a	0.10	8%	0.008	0.092
WS-5b	0.12	22%	0.026	0.094
WS-5c	0.08	12%	0.009	0.071
WS-6	0.44	28%	0.123	0.317
WS-7	0.11	100%	0.11	0.00
		TOTAL:	**3.1934**	**2.217**
Note: There is no WS-4 designation.				

Drainage, the proposed project would be required to accommodate the local drainage system based on the 10-year storm peak discharge. As discussed, the proposed project would not substantially alter the existing surface flows and flow regimes. The proposed project would maintain the existing sag point on Washington Boulevard and would install a new sag point within the roundabout to collect surface water from that area. The proposed project would improve other areas with new curb and gutter to accommodate existing concentrated flows. In addition, inlets would be introduced as well as curb cuts to permit drainage into a lined trapezoidal channel that would carry the existing ditch flow to its existing discharge point.

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

Less Than Significant Impact. The State Water Resources Control Board (SWRCB) recognizes the City as a traditional permittee under the Phase II Small Municipal Separate Storm Sewer System under the current General Permit (2013-0001-DWQ) pursuant to federal regulations, effective July 1, 2013. Within the SWRCB, there are nine regional boards and the proposed project is under the jurisdiction of the Central Valley Water Quality Control Board (CVWQCB). The Phase II regulations also required that Small Municipal Separate Storm Sewer Systems (MS4s), such as the City of Roseville, comply with the requirements of the Clean Water Act to further protect streams, rivers and beaches from polluted runoff. The City's Stormwater Management Plan (SWMP) identifies ways to implement control measures which includes the development of various Best Management Practices (BMP).

Compliance with these requirements of the NPDES would addresses potential temporary impacts during construction and would require the construction contractor to develop an SWPPP to obtain coverage. As part of the SWPPP, the City would adhere to Section 4 of the SWMP which identifies the various construction related BMPs that can be used within the City to control construction site runoff. As noted in the SWMP, the selection of BMP's used, and the installation of the BMP's are important to adequate

control runoff and prevent downstream effects. As a City initiated project, The City would prepare and confirm erosion control plans include BMPs to ensure that erosion control, sediment control and good housekeeping practices would be in place and used throughout the construction phases.

Construction would result in the disturbance of approximately 6.55 acres. Construction activities have the potential to increase erosion and could result in temporary water quality impacts from sediment discharge from disturbed soils area. Additional sources of sediment that could result in increases in turbidity include uncovered or improperly covered active and non-active stockpiles, unstable slopes and construction staging areas, and construction equipment not properly maintained or cleaned. The proposed project also could include the fueling and maintenance of construction vehicles resulting in a risk of accidental spills or releases of fuels, oils, or other potentially toxic materials. An accidental release of these materials could pose a threat to water quality if contaminants enter the local storm drains. The magnitude of the impact from an accidental release depends on the amount and type of material spilled.

The proposed project would not result in operational water quality impacts beyond those that already exist. The project would replace existing hardscape with new roadways and would nominally increase impermeable area by approximately 2,500 sf. The proposed project would not result in hydromodification or substantially alter any existing drainage patterns or the concentrations of flow. Hydrocarbons such as oil and grease, heavy metals, and exhaust emissions are the primary pollutants associated with transportation corridors. In general, runoff from highways contains sediment, nitrate, nitrogen, total nitrogen, phosphorus, orthophosphate, copper, lead, and zinc. The sources of these pollutants include tree leaves that fall or are blown into the roadway, combustion of fossil fuels, and the wearing of brake pads and tires, among others. Because the roadway currently exists, and because the proposed project would not add to the existing impervious area used by vehicles but would simply replace the roadway and intersection with new hardscape, the proposed project would not result in a substantial increase the amount of pollutants that could impact downstream waters. Impacts in this regard would be less than significant.

To address the requirements of the permit(s), permitting conditions, and other standards, related to water quality during construction, the proposed project would implement the required SWPPP and associated BMPs. A Notice of Intent (NOI) would need to be filed with the SWRCB's Storm Water Multiple Application and Report Tracking System (SMARTS). The City would require and verify with on-site inspections, that the project contractors has obtained and implemented an SWPPP that complies with CGP conditions. It is anticipated that an approved permit would address temporary water quality impacts that could occur from construction of the proposed project.

Site specific erosion and sediment control best management practices (BMPs) could be drawn from the California Stormwater Quality Association (CASQA), Stormwater Best Management Practices Handbook for Construction, and the Caltrans Best Management Practice Field Manual and Trouble Shooting Guide. Suggested construction BMPs from these manuals include but are not limited to requirements for washout activities involving concrete, and use of fiber rolls, and stabilized construction entrances/exits. dust control through watering, hydroseeding, preservation of existing vegetation, use of soil binders, stabilization of construction access, silt fences, inlet and catch basin protection, and fiber rolls to minimize any potential impacts to the storm water runoff.

Further evaluation of the BMPs necessary for the proposed project to comply with the CGP and the Phase II Small MS4 General permit would be detailed during the design phase. The contractor would be required

to detail actual in-field implementation of the BMPs in the SWPPP during construction; the contractor would also be required to amend the SWPPP as necessary to match both field conditions and project phasing. Potential temporary impacts to water quality would be avoided or minimized by implementing these standard BMPs, which are consistent with the practices required under the CGP and the Phase II Small MS4 General Permit and are intended to achieve compliance with the requirements of the permits. Compliance with the requirements of these permits, and adherence to the conditions, would reduce or avoid potentially significant construction-related impacts. With proper implementation of BMPs, short-term construction-related water quality impacts and permanent water quality impacts would be avoided or minimized.

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

Less Than Significant Impact. The proposed project is in the City of Roseville, which is located over the North American sub-basin of the Sacramento Valley Groundwater Basin. The North American sub-basin is located in the eastern central portion of the Sacramento Groundwater Basin, encompassing portions of Sutter, Placer, and Sacramento Counties. As of 2015, the basin was not adjudicated or in overdraft. The City's current policy is that groundwater will only be used in times of shortage and is not assumed as part of the normal water supply (Roseville, 2016).

The proposed project consists of a roadway improvement project and outside of water needed for dust control during construction, or wetting of soils during recompacting, would not use water. In addition, any water needed for dust control mitigation or during other grading activities would not come from groundwater. Therefore, the proposed project would not directly deplete groundwater supplies in this regard. Well depth within the City varies between 303 to 520 feet. Due to the deep groundwater table, groundwater would not be encountered during excavation. The proposed project is anticipated to require grading to a depth of approximately three feet. Therefore, temporary dewatering and direct groundwater impacts are not anticipated for the proposed project.

As discussed, the proposed project would occur within existing right-of-way and would slightly decrease the amount of impervious surfaces. In sum, modeled watershed area would include approximately 3.193 acres of impervious area and approximately 2.217 acres of impervious area. The proposed project would result culvert approximately 0.114 acres of drainage ditch but would overall slightly decrease impervious area compared to existing conditions by approximately 2,500 sf. The proposed project may temporarily reduce the permeability of the potential staging areas between Washington Boulevard and Lincoln Street, or the southeast corner of the County property. Neither of these sites; however, would be paved or permanently affected, and each would be required to be revegetated as part of the permitting process. These measures would maintain the ability of the areas to facilitate water infiltration. Overall, this decrease in impervious surface acreage is nominal compared to the size of the Basin overall and although it would slightly increase groundwater infiltration, it would not substantially benefit recharge. It should be noted, that although this portion of the ditch would be replaced with impervious surfaces, water would be conducted to the remaining unlined and open areas of the downstream ditch where it would could infiltrate. Therefore, impacts associated with recharge within the Basin from the project site would be less than significant and no mitigation is required.

c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

i. Result in substantial erosion or siltation on- or off-site?

Less Than Significant Impact. The direction of flow and location of drainage facilities for the proposed project has been deigned to accommodate projects stormwater runoff and is similar to what is existing. The proposed drainage system would maintain the same overall directional flow as currently exists and conduct runoff to the same downstream drainage facilities. Thus, the proposed project would not substantially alter the existing drainage pattern of the site or area. The proposed project would result in the removal of existing ditches equating to approximately 0.114 acres. Where the ditch would be replaced with a culvert, water would flow through piping under the proposed improvements but within a similar alignment as currently exists and to a downstream location within the same ditch. This element of the project would not substantially change the overall watershed area as it would occur on the same site and maintain a similar drainage pattern. While this portion of the ditch would be modified, the proposed project would reduce impervious surfaces by approximately 2,500 sf, and post construction would not result in the exposure of bare soils or increase the rate or volume of run-off such that erosion would be encouraged. Ultimately, runoff would be conducted to undisturbed portions of the ditch at downstream locations. As discussed, the volume and rate of water flows would be nominally changed and the proposed project would not result substantial erosion of any on-site area, off-site area, or result in substantial siltation on-site or off-site. Impacts would be less than significant, and mitigation is not required.

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

Less Than Significant Impact. The surface water runoff that would result from project implementation is modeled based on the procedures outlined in the RDS and Placer County Flood Control and Water Conservation District's (PCFCD) Stormwater Management Manual (SWMM), including Addendum I and other materials referenced the documents. These processes were used to analyze the project area including the impervious roadways, Washington Boulevard and All America City Boulevard, as well as adjacent pervious areas within the City right-of-way. This methodology also accounted for the minimal offsite run-on that comes from the berm which runs along UPR right of way. The drainage area was determined by aerial topographic map review as well as local survey.

Design peak runoff was calculated using the peak discharge method from the SWMM. This methodology was used because the project site is considered a tributary area and covers less than 200 acres. Discharges for the Peak 10-year, 25-year, and 100-year storm, as well as peak flows and response time were calculated. The Peak discharge for these years would be 9.98, 13.03, and 16.09 cubic feet per second (cfs), respectively. Therefore, the proposed project would perpetuate the existing drainage patterns within the project footprint and the discharge points of the existing watershed would be maintained. The proposed storm drain system would safely collect and discharge roadway runoff without inhibiting traveled ways or and causing detriment to adjacent properties from flooding either on-site or off-site. Impacts would be less than significant, and mitigation is not required.

iii. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

Less Than Significant Impact. The proposed project includes construction of new roadways and a roundabout within Washington Boulevard, All America City Boulevard, and Lincoln Street, and the associated intersection. As discussed in ii), above, and iv) below, the proposed project would maintain a similar drainage pattern and control runoff within the proposed stormwater drainage system such that flooding does not occur. The proposed project would meet 100-year requirements. The proposed project would not result in a use that is dissimilar from what exists. The project proposes installation of new roadway, pedestrian, and bicycle facilities. The proposed project does not include any uses that would substantially increase polluted runoff. The storm drainage system would still manage run-off from paved surfaces and adjacent landscaped and undeveloped areas. The constituents of potential pollutants from these areas would be the same as exists at present. Because the overall areas of pervious and impervious surfaces would be roughly equivalent, the volumes of potential pollutants would be similar. Therefore, the proposed project would not provide substantial additional sources of polluted runoff to downstream receiving waters. Impacts would be less than significant in this regard.

iv. Impede or redirect flood flows?

Less Than Significant Impact. As discussed above, the proposed project has been designed to mimic the existing drainage pattern which generally flows from the project site to the north and northeast. The proposed project is not within any flood zone or area that would be inundated from a breach of a dam or levee. Therefore, the proposed project would not impede or redirect flood flows in this regard. The proposed project; however, would have to accommodate run-off from rain events including water from the 100-year rain event.

The proposed project includes the construction of curbs and gutters to replace those removed and inlets and sag points within the curb and gutter to conduct water through underground piping to the downstream outlet. Inlet efficiency calculation were made based on the 100-year storm event. Water flows were modeled for each proposed inlet and using a minimum underground pipe diameter of 12 inches and slopes greater than .17% to maintain a minimum clearing velocity of 2 fps in full pipe flow conditions. Based on the proposed project design and drainage facilities, the proposed project would perpetuate the existing drainage pattern and the discharge points of the existing watershed would be maintained. The proposed storm drainage system would collect and discharge roadway runoff without inhibiting travel ways or causing detriment to adjacent properties. Therefore, impacts in relation to impeding or redirecting flood flows would be less than significant.

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

Less Than Significant Impact. The proposed project is not located in a flood zone. The proposed project is located in an Area of Minimal Flood Hazard – Zone X, which is defined as an area with future conditions 1% annual chance flood hazard, or area with reduces flood risk due to levee. The proposed project includes roadway, transit, pedestrian, and bicycle facility improvements and would not place any

habitable structures in any area subject to flooding. The proposed project is located inland and is not subject to tsunami's and there are no large contained bodies of water that pose a risk from seiche. No impacts would occur, and no mitigation is required.

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

Less Than Significant Impact. As discussed in *a)*, above, the proposed project would comply the RWQCB board requirements for implementation of BMP's in accordance with a SWPPP. The proposed project implements BMPs such as use of silt fence, fiber rolls, mulch, reseeding, etc. In addition, the proposed project would install permanent structural water quality controls at stormwater inlets that would capture and control runoff and remove some of the pollutants and debris before conducting the water downstream.

In addition, as discussed in *b)*, above the proposed project would not result in substantial effects to groundwater recharge and would not impact any groundwater management plan. The proposed project would largely replace existing roadway and existing right-of-way with traffic improvements. The amount of pervious surface the proposed project would replace is negligible and would not result in the obstruction of any water quality or sustainable ground water plan. The City participates in local groundwater management Through the Western Placer County Groundwater Sustainability Agency (WPGSA). The proposed project would not impede the WPGSA from implementing activities that preserve and enhance groundwater or result in overdraft of the basin. Impacts would be less than significant, and mitigation is not required.

Cumulative Impacts

The proposed project includes construction of roadway improvements including a roundabout, transit pull-out, pedestrian, and bicycle facilities. As discussed above, the proposed project would not make a significant contribution to hydrology and water quality impacts. Taken in conjunction with other past, present, and reasonably foreseeable projects, the proposed project would not make a cumulative contribution. Other projects also would be required to comply with the NPDES permit and implement BMPs through a SWPPP. It is anticipated projects such as these also would mitigate impacts to less than significant and would not make cumulatively significant contributions. Therefore, cumulative impacts would be less than significant, and mitigation is not required.

Sources:

City of Roseville, 2016. City of Roseville 2015 Urban Water Management Plan. Available: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Environmental%20Utilities/Water/City%20of%20Roseville%20Final%202015%20UWMP.pdf Accessed: May 19, 2020.

4.11 Land Use and Planning

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Physically divide an established community?				✓
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?				✓

a) Physically divide an established community?

No Impact. Projects that are typically considered to have the potential to divide an established community include the construction of new freeways, highways, or roads, or other uses that physically separate an existing or established neighborhood. The land uses surrounding the project site consist of a mix of uses including, commercial, community commercial, medium density residential, and a major arterial corridor to Roseville's Historic District and Downtown. Project improvements would occur within the existing intersection, roadways, and previously disturbed vegetated areas.

The proposed project would provide traffic, pedestrian and bicycle improvements by replacing an unsignalized two way stop intersection at Washington Boulevard. The proposed project would occur within the existing right-of-way within Washington Boulevard, All America City Boulevard, and Lincoln Street. The proposed project would improve the existing alignment, traffic flow and safety. The proposed project would facilitate pedestrian improvements including a multiuse trail, bike lane, improvements to the existing crosswalk on All America City Boulevard, and new crosswalks on Washington Boulevard and Lincoln Street. The proposed improvements would enhance safety and accessibility for bicyclists and pedestrian, while improving roadway aesthetics as viewed by the adjacent businesses and nearby residential areas. The proposed project would improve connectivity amongst vehicle, pedestrian and bicycle infrastructure would improve and provide safer access for all modes of transportation for the community. Therefore, the proposed project would not result in the construction of new roadways or physical barriers that could divide or disrupt communities. The proposed project is considered an improvement compared to the existing conditions and functioning of the roadways and their alignments.

There are no businesses to the east of the proposed roundabout but the Union Pacific Railroad is located approximately 50 feet to the eastern project boundary. There is a residential area approximately 125 feet eastern project boundary. Some of the residents in this residential area may access Washington Boulevard via Lincoln Street; however, should access be restricted, numerous alternative routes are available within

0.25 miles of the project site. Access to the business, residential units, and school to the west of the roundabout may be temporarily affected by lane closures or detour; however, the project construction would be phased and staggered to ensure access via an alternative route is provided.

As discussed above, the proposed project is predominantly surrounded by urban development and would not physically separate residential areas. Accordingly, the proposed project would provide roadway improvements to enhance the safety for bicyclists, pedestrians, and vehicles and would not physically divide an established community. Therefore, impacts would be less than significant, and no mitigation is required.

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

No Impact. The proposed project would occur within the existing intersection and roadways of Washington Boulevard, All America City Boulevard. The land uses adjacent to the project site are designated in the Roseville General Plan as Community Commercial and Public/Quasi Public use, and is within the City's Downtown Specific Plan, which is zoned as Commercial Mixed Use and Single-Family Residential. The proposed project would not alter any existing land use or change the street classification identified in City of Roseville General Plan. More specifically, the proposed project would be consistent with ongoing improvement standards by enhancing vehicle, pedestrian, and bicycle safety and access, safe access to schools, and maintaining or improving levels of service (LOS). Installation of the roundabout, multi-use trail, crosswalks, and other roadway improvements would not conflict with any plan adopted by the community. Chapter 6 Circulation and Parking of the City's Downtown Specific Plan has indicated the proposed future improvements to the Historic Old Town Area, specifically at the project site include:

- Planned streetscape improvements to Washington Boulevard including widening the sidewalks on both sides of the street and providing streetscape enhancements in the terms of lighting, street furniture and limited landscaping;
- Median modifications on Washington Boulevard to focus left-turn movements at the Pleasant Street intersection;
- Intersection improvements to Pleasant Street/Washington Boulevard, and Lincoln Street/Washington Boulevard, including an enhanced pedestrian crossing and installation of a traffic control signal;
- Way-finding signs within the Historic District to access the Washington Boulevard undercrossing; and

The proposed project improvements are aligned with and support the City's goals and policies proposed in the Downtown Specific Plan and General Plan. The proposed project includes design elements and roadway improvements that are identified in multiple City and regional planning documents, such as the City's Downtown Municipal code design guidelines, 2005 Implementation Strategies to Achieve Blueprint Project Objectives, 2008 Bicycle Master Plan, 2009 Americans with Disabilities Act ADA Transition Plan for Public Rights-of-Way, 2010 Communitywide Sustainability Action Plan, 2011 Pedestrian Master Plan, and 2035 General Plan. The City and regional planning documents emphasize goals associated with improved circulation, less traffic congestion, and safer access for bicyclists, pedestrians, and vehicles by creating a signalized intersection that would provide better alignment with All America City Boulevard and Lincoln

Street. Pedestrian facilities would be highly improved and compliant with ADA standards. Bikeways would be maintained and upgraded from Class 2 to Class 1 bike lanes along Washington Boulevard.

In regard to planning for safety, the proposed project would support a comprehensive, safe, and convenient transit network where bicycling and walking are viable travel choices. The public realm improvements influenced by the proposed project are designed to balance the needs of the pedestrian with vehicular and bicycle traffic to achieve traffic calming and flow management. The proposed project would provide traffic improvements that reduce GHG emissions by having a signalized intersection. The design of the proposed roundabout, roadways, and streetscape improvements would be a consistent urban design that would be compatible with the appearance and features of the corridor including Historic and Downtown Roseville and would enhance public safety and comfort. Thus, the improvements proposed project is consistent with the pertinent land use planning and policy documents, including the General Plan, Zoning, and other local and regional planning policies and documents. Therefore, the proposed project would not impede a plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect.

Cumulative Impacts

The proposed project does not conflict with any applicable land use regulations, land use policies, or land use planning documents. Although the project proposes improvements to roadway intersections and pedestrian and bicycle facilities, these improvements would occur within existing rights-of-way and would not include the construction of any new roadways or other significant infrastructure improvements that would restrict access or otherwise divide an established community. Therefore, the proposed project would not contribute towards any cumulative impacts in these regards. The proposed project also would not contribute to a cumulative impact or result in land use conflicts and would not impact land use policies. Therefore, taken with past, present and reasonably foreseeable projects impacts are not considered cumulatively considerable, and no mitigation is required.

Sources:

Roseville, City of. Implementation Strategies to Achieve Blueprint Project Objectives, 2005. Available: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/General%20Plan/blueprint_strategy.pdf.

Roseville, City of. General Plan 2035, 2016. Available: https://www.roseville.ca.us/government/departments/development_services/planning/general_plan_development_guidelines.

Roseville, City of. General Plan 2035 Land Use Map. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/Specific%20Plans%20&%20Planning%20Areas/2035%20General%20Plan%20Redline%20Draft/Land%20Use%20Map.pdf

Roseville, City of. Zoning Map, 1996. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/Zoning%20Information/Zoning_30X40_2017%20FINAL_20170324.pdf

Roseville, City of. Downtown Specific Plan, adopted 2009. Available at: https://www.roseville.ca.us/government/departments/development_services/planning/specific_plans_planning_areas/downtown_specific_plan

Roseville, City of. Communitywide Sustainability Action Plan 2010. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/Citywide%20Planning%20Documents/Communitywide%20Sustaintability%20Action%20Plan.pdf

Roseville Municipal Code. Available at: http://qcode.us/codes/roseville/?view=desktop

4.12 Mineral Resources

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact 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?				✓

a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

No Impact. The proposed project site does not have history of known mining or quarry operations. The Surface Mining and Reclamation Act of 1975 (SMARA) requires the State Geologist to classify land in California according to its potential to contain mineral resources. There are no known mineral resources located on the project site and the General Plan states that mineral resources are limited in the City and mineral extraction operations currently do not exist. Due to the urbanized nature of the surrounding areas, and size constraints, it would not be feasible to use the project site for mineral extraction. Therefore, the proposed project would not result in the loss of availability of known mineral resources of regional or statewide importance and no impact would occur

b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

No Impact. The proposed project site has not been used for mineral resource recovery and is not delineated as a mineral resource recovery site on any land use plans. Additionally, the proposed project site is not currently used (or planned for use) as a mineral resource recovery site and it is not feasible to use it for such. No impacts to mineral resources would occur in this regard.

Cumulative Impacts

The proposed project would not result in direct or indirect permanent or temporary impacts related to mineral resources. There are no designated or known mineral resources in the surrounding area. Implementation of the proposed project would not result in the loss of an area that is designated for mineral resource extraction and would not result in the inability to use any other areas for such purpose. Therefore, the proposed project would not result in incremental effects to the loss of mineral resources

that could be compounded or increased when considered together with similar effects from other past, present, and reasonably foreseeable future projects. Thus, no cumulative impacts related to mineral resources would occur.

Sources:

Roseville, City of. General Plan 2035, 2016. Available: https://www.roseville.ca.us/government/departments/development_services/planning/general_plan_development_guidelines.

Roseville, City of. General Plan 2035 Land Use Map. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/Specific%20Plans%20&%20Planning%20Areas/2035%20General%20Plan%20Redline%20Draft/Land%20Use%20Map.pdf

Roseville, City of. Zoning Map, 1996. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/Zoning%20Information/Zoning_30X40_2017%20FINAL_20170324.pdf

4.13 Noise

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

Environmental Noise and Descriptors

Noise is defined as loud, unexpected, or annoying sound. The fundamental acoustics model consists of a noise source, receptor, and the propagation path between the two. The loudness of the noise source, obstructions, or atmospheric factors affecting the propagation path, determine the perceived sound level and noise characteristics at the receptor. Acoustics deal primarily with the propagation and control of sound. A typical noise environment consists of ambient noise that is the sum of many distant and indistinguishable noise sources. Superimposed on this ambient noise is the sound from individual local sources. These sources can vary from an occasional aircraft or train passing by to continuous noise from traffic on a major highway. Perceptions of sound and noise are highly subjective from person to person.

Measuring sound directly in terms of pressure would require a large range of numbers. To avoid this, the decibel (dB) scale was devised. The dB scale uses the hearing threshold of 20 micropascals (µPa) as a point of reference, defined as 0 (zero) 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 dB scale allows a million-fold increase in pressure to be expressed as 120 dB, and changes in levels correspond closely to human perception of relative loudness.

The dB scale alone does not adequately characterize how humans perceive noise. The dominant frequencies of a sound have a substantial effect on the human response to that sound. Several rating scales have been developed to analyze the adverse effect of community noise on people. Because environmental noise fluctuates over time, these scales consider that the effect of noise on people is largely dependent on the total acoustical energy content of the noise, as well as the time of day when the noise occurs. The equivalent noise level (L_{eq}) is the average noise level averaged over the measurement period, while the day-night noise level (L_{dn}) and Community Equivalent Noise Level (CNEL) are measures of energy average during a 24-hour period, with dB weighted sound levels from 7:00 p.m. to 7:00 a.m. Most commonly, environmental sounds are described in terms of L_{eq} that has the same acoustical energy as the summation of all the time-varying events. Information above, and used for the analysis below is provided the Noise Memorandum prepared for the proposed project and contained in Appendix F.

City of Roseville General Plan

The City of Roseville General Plan (2016) identifies goals and policies in the Noise Element that requires the City to develop acoustical standards.

Goal 1: Protect City residents from the harmful and annoying effects of exposure to excessive noise.

Goal 2: Protect the economic base of the City by preventing incompatible land uses from encroaching upon existing or planned noise-producing uses.

Policy 2: Require new roadway improvement projects to be mitigated so as not to exceed the noise levels specified in Table IX-1 at outdoor activity areas or interior spaces of existing noise-sensitive land uses.

Policy 3: Evaluate new transportation projects, such as light or heavy rail, using standards contained in Table IX-1. However, noise from these projects may be allowed to exceed the standards contained in Table IX-1 if the City Council finds that there are special overriding circumstances.

Policy 10: Regulate construction-related noise to reduce impacts on adjacent uses consistent with the City's Noise Ordinance.

City of Roseville Municipal Code

The City of Roseville does noise level standards are identified. However, *Chapter 9.24 Noise Regulation* in the Roseville Municipal Code highlights the requirements pertaining to noise. According to *Section 9.24.030 Exemptions*, private construction (construction, alteration or repair activities) are not permitted between the hours of 7:00 pm and 7:00 am Monday through Friday and 8:00 pm and 8:00 am Saturday and Sunday. Additionally, all construction equipment shall be fitted with factory installed muffling devices and that all construction equipment shall be maintained in good working order.

The project is located entirely with the City of Roseville, and as such city standards are used to determine significance under CEQA.

The *City of Roseville General Plan 2035* establishes maximum allowable noise exposure levels for transportation noise sources in terms of day-noise noise level, or Ldn, shown in *Table 4.13-1: Maximum Allowable Noise Levels from Transportation Sources*. The General Plan also includes criteria for non-transportation or stationary noise sources, which may be considered applicable to the temporary use of construction equipment. The standards for non-transportation sources are also used in Section 9.24.100

of the Roseville municipal code. These criteria are shown in *Table 4.13-2: Hourly Noise Level Performance Criteria for Non-transportation Noise Sources.*

Table 4.13-1: Maximum Allowable Noise Levels from Transportation Sources.

		Interior Spaces	
Land Use	**Outdoor Activity Areas[1] Ldn/CNEL, dB**	**Ldn/CNEL, dB**	**Leq, dB[2]**
Residential	60 [3]	45	--
Transient Lodging	60 [3]	45	--
Hospitals, Nursing Homes	60 [3]	45	--
Theaters, Auditoriums, Music Halls	--	--	35
Churches, Meeting Halls	60 [3]	--	40
Office Buildings	65	--	45
Schools, Libraries, Museums	--	--	45
Playgrounds, Neighborhood Parks	70	--	--

Source: City of Roseville, 2016.

Notes:

Where a proposed use is not specifically listed on this table, the use shall comply with the noise exposure standards for the nearest similar use as determined by the Planning Division. Commercial and industrial uses have not been listed because such uses are not considered to be particularly sensitive to noise exposure.

1. Outdoor activity areas for residential developments are considered to be the backyard patios or decks of single-family dwellings, and the patios or common areas where people generally congregate for multi-family developments.

Outdoor activity areas for non-residential developments are considered to be those common areas where people generally congregate, including pedestrian plazas, seating areas and outside lunch facilities.

Where the location of outdoor activity areas is unknown, the exterior noise level standard shall be applied to the property line of the receiving land use.

2. As determined for a typical worst-case hour during periods of use.

3. Where it is not possible to reduce noise in outdoor activity areas to 60 dB Ldn/CNEL or less using a practical application of the best-available noise reduction measures, an exterior noise level of up to 75 dB Ldn/CNEL may be allowed provided that available exterior noise level reduction measures have been implemented and interior noise levels are in compliance with this table.

Table 4.13-2: Hourly Noise Level Performance Criteria for Non-transportation Noise Sources.

Noise Level Descriptor	Daytime (7 a.m.–10 p.m.)	Nighttime (10 p.m.–7 a.m.)
Hourly average (Leq)	50 dB	45 dB
Maximum level (Lmax)	70 dB	65 dB

Source: City of Roseville, 2016.

Notes:

For municipal power plants consisting primarily of broadband, steady state noise sources, the hourly (L_{eq}) noise standard may be increased up to 10 dB(A), but may not exceed 55 dB(A) hourly L_{eq} dB. Each of the specified noise levels should be lowered by 5 dB for simple tone noises, noises consisting primarily of speech or music, or for recurring impulsive noises. Such noises are generally considered by residents to be particularly annoying and are a primary source of noise complaints. These noise level standards do not apply to residential units established in conjunction with industrial or commercial uses (e.g., caretaker dwellings).

No standards have been included for interior noise levels. Standard construction practices should, with exterior noise levels identified, result in acceptable interior noise levels.

dB = decibel

L_{eq} = equivalent sound level

L_{max} = maximum sound level

The municipal code provides an exemption for construction noise. Section 9.24.030, Exemptions, of the City Municipal Code indicates the following activities are exempt from city noise regulations:

> Private construction (e.g., construction, alteration or repair activities) between the hours of 7:00 a.m. and 7:00 p.m. Monday through Friday, and between the hours of 8:00 a.m. and 8:00 p.m. Saturday and Sunday; provided, however, that all construction equipment shall be fitted with factory installed muffling devices and that all construction equipment shall be maintained in good working order.

Existing Noise Sources

The City of Roseville is impacted by various noise sources. Mobile sources of noise, especially cars and trucks are the most common and significant sources of noise. Other noise sources are the various land uses (i.e. residential, commercial, institutional, and recreational and parks activities) throughout the City that generate stationary-source noise. Significant noise sources in the project vicinity are existing traffic on Washington Boulevard and All America City Boulevard.

Sensitive Receptors

Noise exposure standards and guidelines for various types of land uses reflect the varying noise sensitivities associated with each of these uses. Residences, hospitals, schools, guest lodging, libraries, and churches are treated as the most sensitive to noise intrusion and therefore have more stringent noise exposure targets than do other uses, such as manufacturing or agricultural uses that are not subject to impacts such as sleep disturbance. Sensitive receptors near the project site includes primarily existing single-family communities. *Table 4.13-3, Sensitive Receptors*, lists the distances and locations of sensitive receptors within the project vicinity.

Table 4.13-3: Sensitive Receptors

Receptor Description	Distance and Direction from the Project Site
Single-family residential	20 feet south
Woodbridge Elementary School	60 feet southwest
Single-family residential	130 feet east
Sierra View Golf Course	800 feet northeast
Veritas Church	200 feet southwest
Unity of Roseville Church	0.25 miles north
Roseville Community Preschool	0.25 northwest

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?

Less Than Significant Impact with Mitigation Incorporated.

Construction

Construction noise typically occurs intermittently and varies depending on the nature or phase of construction (e.g. land clearing, grading, excavation, paving). Noise generated by construction equipment,

including earth movers, material handlers, and portable generators, can reach high levels. During construction, exterior noise levels could affect the residential neighborhoods surrounding the construction site. Project construction would occur within approximately 80 feet of existing single-family residences to the east, commercial uses adjacent to the west, an elementary schools approximately 300 feet to the east. Construction activities; however, would occur through the approximately 1,000 foot length of the project site and would not be concentrated at a single point near any sensitive receptors.

Construction activities would include removal of existing pavement/hardscape, and landscaping, site preparation, grading, paving, and installation of new pavement, concrete, landscaping, decorative elements, and lighting, some coatings may be applied to materials to enhance longevity. Such activities would require graders, scrapers, and tractors during site preparation; graders, dozers, and tractors during grading; pavers, rollers, mixers, tractors, and paving equipment during paving; and air compressors during to apply coating materials. Typical operating cycles for these types of construction equipment may involve 1 or 2 minutes of full power operation followed by 3 to 4 minutes at lower power settings. Other primary sources of acoustical disturbance would be random incidents, which would last less than one minute (such as dropping large pieces of equipment or the hydraulic movement of machinery lifts). Noise generated by construction equipment, including earth movers, material handlers, and portable generators, can reach high levels. Typical noise levels associated with individual construction equipment are listed in *Table 4.13-4, Typical Construction Noise Levels*.

Table 4.13-4: Typical Construction Noise Levels

Equipment	Typical Noise Level (dBA) at 50 feet from Source	Typical Noise Level (dBA) at 20 feet from Source[1]	Typical Noise Level (dBA) at 60 feet from Source[1]
Air Compressor	80	88	78
Backhoe	80	88	78
Compactor	82	90	80
Concrete Mixer	85	93	83
Concrete Pump	82	90	80
Concrete Vibrator	76	84	74
Dozer	85	93	83
Generator	82	90	80
Grader	85	93	83
Impact Wrench	85	93	83
Jack Hammer	88	96	86
Loader	80	88	78
Paver	85	93	83
Pneumatic Tool	85	93	83
Pump	77	85	75
Roller	85	93	83
Saw	76	84	74
Scraper	85	93	83
Shovel	82	90	80
Truck	84	92	82

Note:
1. Calculated using the inverse square law formula for sound attenuation: $dBA_2 = dBA_1+20Log(d_1/d_2)$
   Where: dBA_2 = estimated noise level at receptor; dBA_1 = reference noise level; d_1 = reference distance; d_2 = receptor location distance

Source: Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, 2018.

As shown in *Table 4.13-4*, exterior noise levels resulting from construction site equipment could impact existing sensitive receptors in the vicinity. Sensitive uses near the project include existing adjacent residential uses to the east and the commercial uses, which are as close as 20 feet from potential construction site noise sources. Noise sources; however, are temporary and would be limited to daytime hours. Additionally, construction noise would be acoustically dispersed along the approximate 1,000-foot length of the project site and reduce the concentration of noise in one particular area or near surrounding sensitive uses. In addition, mitigation is proposed to further minimize impacts.

Implementation of Mitigation Measure **MM NOI-1,** listed further below, would ensure that all construction equipment is equipped with properly operating and maintained mufflers and other state required noise attenuation devices, helping to reduce noise at the source. The highest anticipated construction noise level of 96 dBA at 20 feet is expected to occur during the demolition phase. This maximum noise level would occur when equipment is operating under full power conditions (i.e., the equipment engine at maximum speed). However, equipment used on construction sites typically operates under less than full power conditions, or part power. **MM NOI-1** would attenuate construction site noise levels. Construction noise impacts would be less than significant with mitigation incorporated.

The existing roadways would remain open during construction and exiting vehicle noise would continue as well as some vehicle noise generated by worker vehicle trips. Vehicle noise impacts during construction would be minimal and **MM NOI-1** would further reduce construction vehicle trip noise because it requires construction equipment to be equipped with noise attenuation devices. Therefore, impacts due to construction vehicle trips would be less than significant.

Operations

Long-Term Mobile Noise Impacts

Washington Boulevard is an existing roadway with heavy congestion and inadequate multimodal access for pedestrians, cyclists, and vehicles. The proposed project would provide safety and accessibility at the Washington Boulevard, All America City Boulevard, and Lincoln Street intersection as well as a multi-use trail and circulation for traffic conduction. The project is proposed to alleviate the current congestion, improve multimodal safety and to better accommodate pedestrian and bicycle traffic.

The project proposes improvements to one existing intersection and would include a roundabout and traffic calming entry and exist lanes to facilitate safe transitions and turning movements to the surrounding roadways. The roundabout would have landscaped center median, a circulating roadway and two-lane approaches on Washington Boulevard, a one lane approach on All America City Boulevard, and dual approaches and exits on Lincoln Street. The project does not propose any roadway expansions or additional lanes, and therefore would not increase vehicular capacity. Furthermore, the proposed project does not involve a trip generating land use. Thus, impacts would be less than significant in this regard and no mitigation is required.

Long-Term Stationary Noise Impacts

Construction noise impacts would cease upon project completion. Long-term stationary source noise impacts would not occur because the project would continue to operate at current noise levels and not cause an exceedance of an established noise standard. Moreover, no stationary equipment or other

aboveground facilities would be constructed as part of the project. Therefore, no impact would occur in this regard.

Mitigation Measure

MM NOI-1: Prior to the start of ground disturbing activities the contractor, shall demonstrate, to the satisfaction of the Public Works Director, or designee, that the project complies with the following:

- Construction contracts specify that all construction equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers and other state required noise attenuation devices.
- Property owners and occupants located within 200 feet of the proposed project boundary shall be sent a notice, at least 15 days prior to commencement of construction of each phase, regarding the construction schedule of the proposed project. A sign, legible at 50 feet shall also be posted at the project construction site. All notices and signs shall be reviewed and approved by the of Public Works Director or Designee, prior to mailing or posting and shall indicate the dates and duration of construction activities, as well as provide a contact name and a telephone number where residents can inquire about the construction process and register complaints.
- Prior to the start of ground disturbing activities, the contractor shall provide evidence that a construction staff member will be designated as a Noise Disturbance Coordinator and will be present on-site during construction activities. The Noise Disturbance Coordinator is responsible for responding to local complaints about construction noise. When a complaint is received, the Noise Disturbance Coordinator shall notify the City within 24-hours of the complaint, determine the cause (e.g. starting too early, bad muffler, etc.), and implement reasonable measures to resolve the complaint as deemed acceptable by the Public Works Department. All notices sent to residential units surrounding the construction site and all signs posted at the construction site shall include the contact name and the telephone number for the Noise Disturbance Coordinator.
- Prior to the start of ground disturbing activities, the contractor shall demonstrate to the satisfaction of the Public Works Director or designee that construction noise reduction methods shall be used where feasible. These reduction methods include shutting off idling equipment, installing temporary acoustic barriers around stationary construction noise sources, maximizing the distance between construction equipment staging areas and occupied residential areas, and electric air compressors and similar power tools.
- Construction haul routes shall be designed to avoid noise sensitive uses (e.g. residences, convalescent homes, etc.) and comply with the City approved truck routes to the extent feasible.
- During construction, stationary construction equipment shall be placed such that emitted noise is directed away from sensitive noise receivers.

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

Less Than Significant Impact. Since the project would not generate any groundborne vibration or noise associated with operational activities, increases in groundborne vibration levels from the proposed project would be primarily associated with short-term construction-related activities.

Construction

Project construction has the potential to result in varying degrees of temporary groundborne vibration, depending on the equipment used and operations involved. The FTA has published standard vibration velocities for construction equipment operations. For demolition and construction, groundborne vibrations greater than 0.5 in/sec peak particle velocity (PPV) are considered potentially significant based on the FTA *Transit Noise and Vibration Impact Assessment Manual* (September 2018) construction vibration criterion for conventional structures. Human annoyance occurs when construction vibration rises significantly above the threshold of human perception for extended periods of time. Building damage can be cosmetic or structural. Ordinary buildings that are not particularly fragile would not experience cosmetic damage (e.g. plaster cracks) at distances beyond 30 feet. This distance can vary substantially depending on soil composition and underground geological layer between vibration source and receiver. In addition, not all buildings respond similarly to vibration generated by construction equipment. For example, for a building that is constructed with reinforced concrete with no plaster, the FTA guidelines show that a vibration level of up to 0.50 in/sec is considered safe and would not result in any construction vibration damage.

Table 4.13-5, Typical Construction Equipment Vibration Levels, lists vibration levels at 20 and 60 feet for typical construction equipment. Groundborne vibration generated by construction equipment spreads through the ground and diminishes in magnitude with increases in distance. As indicated in *Table 4.13-5*, based on FTA data, vibration velocities from typical heavy construction equipment operations that would be used during project construction range from 0.004 to 0.294 in/sec PPV at 20 feet from the source of activity. The nearest sensitive receptors are the single-family residences approximately 20 feet from the active construction zone. The highest vibration velocity for the elementary school located approximately 60 feet from the western terminus of the project site on All America City Boulevard is 0.057 in/sec PPV.

Table 4.13-5: Typical Construction Equipment Vibration Levels

Equipment	Peak Particle Velocity at 25 Feet (in/sec)	Peak Particle Velocity at 20 Feet (in/sec)	Peak Particle Velocity at 60 Feet (in/sec)[1]
Large Bulldozer	0.089	0.124	0.024
Loaded Trucks	0.076	0.106	0.020
Rock Breaker	0.059	0.083	0.016
Jackhammer	0.035	0.049	0.009
Small Bulldozer/ Tractors	0.003	0.004	0.001
Vibratory Roller	0.210	0.294	0.057

Notes:
1. Calculated using the following formula: $PPV_{equip} = PPV_{ref} \times (25/D)^{1.5}$, where: PPV_{equip} = the peak particle velocity in in/sec of the equipment adjusted for the distance; PPV_{ref} = the reference vibration level in in/sec from Table 7-4 of the Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual,* 2018; D = the distance from the equipment to the receiver.

Source: Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, 2018.

As shown in *Table 4.13-5*, the highest vibration levels are achieved during demolition and grading and paving. The vibratory rollers are expected to be used primarily during the paving phase. Construction equipment vibration velocities would not exceed the FTA's 0.50 PPV threshold for the nearest sensitive receptors located approximately 20 feet from the construction area. In general, other construction activities would occur throughout the project site and would not be concentrated at the point closest to the nearest residential structure. Therefore, vibration impacts associated with the project would be less than significant.

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?

No Impact. The nearest airports to the project site are the McClellan Air Force Base located approximately 8 miles west of the project and Sacramento International Airport located approximately 16 miles southwest of the site. The project is not within 2.0 miles of a public airport or within an airport influence zone. Additionally, there are no private airstrips located within the project vicinity. Therefore, the project would not expose people residing or working in the project area to excessive airport- or airstrip-related noise levels. The project would result in no impacts and no mitigation is required.

Cumulative Impacts

Noise by definition is a localized phenomenon, and drastically reduces as distance from the source increases. Cumulative noise impacts involve development of the proposed project in combination with ambient growth and other related development projects. As noise levels decrease as distance from the source increases, only projects in the nearby area could combine with the proposed project to potentially result in cumulative noise impacts.

The proposed project's construction activities, when properly mitigated, would not result in a substantial temporary increase in ambient noise levels. There would be periodic, temporary, noise impacts that would cease upon completion of construction activities. The proposed project would contribute to other proximate construction noise impacts if construction activities were conducted concurrently. However, based on the noise analysis above, the proposed project's construction-related noise impacts would be less than significant following compliance with local regulations and mitigation measures outlined in this study. Construction activities at other planned and approved projects would be required to take place during daytime hours, and the City and project applicants would be required to evaluate construction noise impacts and as feasible limit construction hours from 8:00 a.m. to 7:00 p.m. Therefore, project construction would not contribute to cumulative impacts and impacts in this regard are not cumulatively considerable.

Sources:

City of Roseville. 2016a. General Plan 2035.

City of Roseville, *Municipal Code*, 2019.

Federal Highway Administration, *Roadway Construction Noise Model*, 2006.

Federal Highway Administration, Roadway Construction Noise Model User's Guide Final Report, 2006.

Federal Interagency Committee on Noise, *Federal Agency Review of Selected Airport Noise Analysis Issues*, 1992.

Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, September 2018.

4.14 Population and Housing

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

a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

Less Than Significant Impact. The proposed project does not include the development of housing or businesses, and therefore would not directly induce population. The proposed improvements would not displace or require relocation of any residential or business properties. There are no existing structures within the existing roadway right-of-way or any area that would be disturbed or improved as part of the proposed project. The proposed project includes design elements and roadway improvements that are identified in multiple City and regional planning documents, such as the City's Downtown Municipal code design guidelines, 2005 Implementation Strategies to Achieve Blueprint Project Objectives, 2008 Bicycle Master Plan, 2009 Americans with Disabilities Act ADA Transition Plan for Public Rights-of-Way, 2010 Communitywide Sustainability Action Plan, 2011 Pedestrian Master Plan, and 2035 General Plan. The City and regional planning documents emphasize goals associated with improved circulation, less traffic congestion, and safer access for bicyclists, pedestrians, and vehicles by creating a signalized intersection that would provide better alignment with All America City Boulevard and Lincoln Street. Although short-term, construction-related jobs would be generated during project construction, it is anticipated that these jobs would be filled primarily from workers in the local labor pool. Thus, the proposed project would not indirectly induce substantial population. Impacts would be less than significant.

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

No Impact. The proposed project would provide traffic, pedestrian and bicycle improvements that would enhance safety and accessibility for bicyclists and pedestrians, while improving roadway circulation that would reduce vehicle emissions by improving the efficiency of traffic conduction. No existing residential structures are located on the project site, and therefore, implementation of the proposed project would not displace housing or people. No impacts would occur.

Cumulative Impacts

The proposed project would not result in direct or indirect permanent or temporary impacts related to population or housing. Therefore, the proposed project would not result in cumulative incremental effects to population and housing that could be compounded or increased when considered together with similar effects from other past, present, and reasonably foreseeable probable future projects. As a result, no cumulative impacts related to population and housing would occur.

Sources:

Roseville, City of. General Plan 2035, 2016. Available: https://www.roseville.ca.us/government/departments/development_services/planning/general_plan_development_guidelines.

Roseville, City of. General Plan 2035 Land Use Map. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/Specific%20Plans%20&%20Planning%20Areas/2035%20General%20Plan%20Redline%20Draft/Land%20Use%20Map.pdf

Roseville, City of. Zoning Map, 1996. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/Zoning%20Information/Zoning_30X40_2017%20FINAL_20170324.pdf

Roseville, City of. Downtown Specific Plan, adopted 2009. Available at: https://www.roseville.ca.us/government/departments/development_services/planning/specific_plans_planning_areas/downtown_specific_plan

Roseville, City of. Communitywide Sustainability Action Plan 2010. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/Citywide%20Planning%20Documents/Communitywide%20Sustaintability%20Action%20Plan.pdf

Roseville Municipal Code. Available at: http://qcode.us/codes/roseville/?view=desktop

4.15 Public Services

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

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

i. Fire protection?

Less Than Significant Impact. The proposed project includes improvements to the intersection of All America City Boulevard, Washington Boulevard, and Lincoln Street with a new roundabout to replace the existing stop-controlled intersection. The proposed project also includes pedestrian improvements including a multiuse trail, bike lane, and installation of five crosswalks. The proposed improvements would enhance safety and accessibility for bicyclists and pedestrian, while improving the safety and efficiency of traffic conduction. The proposed project is a roadway improvement project and does not propose any residential housing that would induce population growth and increase demand for fire protection

services. The proposed project would not increase demand for fire protection services such that new facilities would be needed resulting in impacts to the environment.

During construction, emergency access to the project site could be affected. Temporary lane closures and construction-related traffic could delay or obstruct the movement of emergency vehicles. The contractor would be required to comply with applicable City codes and regulations to ensure emergency access to the project site. Standard management practices would be implemented during construction to maintain the efficiency of fire protection services to ensure adequate fire protection staffing, performance levels, and facilities, and redirect emergency vehicle routes. Therefore, impacts to fire protection services would be less than significant.

ii. Police protection?

Less Than Significant Impact. The proposed project would include improvements to the intersection of Washington Boulevard, All America City Boulevard, and Lincoln Street with the installation of a roundabout, and crosswalks, and a multiuse trail, and bike lanes. Improvements would enhance safety and improve vehicle flow and accessibility through the intersection. The project does not propose any residential housing that would directly increase population growth, nor would it indirectly induce population growth by increasing accessibility to undeveloped areas. The proposed project would not increase demand for police protection services.

Emergency access to the project site, surrounding areas, and within the improvement areas could be affected during construction activities. Temporary lane closures and construction-related traffic could delay or obstruct the movement of emergency vehicles. To reduce these effects, the contractor would be required to comply with applicable City codes and regulations to ensure emergency access to the project site and through the project site enabling continual access is maintained. Standard management practices such as communication with the department, having flag men, minimizing closures, and having unobstructed alternate routes would maintain the efficiency of police protection services and ensure the mobility of emergency vehicles are not substantially interrupted. Therefore, impacts to police protection services would be less than significant.

iii. Schools?

Less Than Significant Impact. The roundabout would be located approximately 300 feet from the Bradford Woodbridge Fundamental Elementary School. The western project limits on All America City Boulevard would be located approximately 60 feet from the school boundary. The proposed project would improve the intersection and associated rights-of-way with pedestrian improvements including a multiuse trail, bike lane, improvements to the existing crosswalk and improvements to roadway alignments to function safely with the roundabout. The proposed improvements would enhance safety and accessibility for bicyclists and pedestrian, students using the areas, and students being driven to and from the school. The proposed project does not propose any residential housing that would directly increase the population resulting in increased demand for schools in the City. Impacts in this regard would not occur. The proposed project also would not indirectly increase the school aged population by inducing population growth by

making it easier to develop currently undeveloped areas. Impacts in this regard would be less than significant.

Lastly, temporary lane closures and construction-related traffic could delay or obstruct the movement of vehicles and access to the school. The contractor and the City would coordinate with the school district and nearby schools to ensure access is maintained while construction occurs. This may include providing alternative routes or phased and staggered construction times to ensure access. Thus impacts to schools would be less than significant.

iv. Parks?

Less Than Significant Impact. The proposed project would include pedestrian improvements including a multiuse trail, bike lane, improvements to the existing crosswalk on All America City Boulevard, and new crosswalks on Washington Boulevard and Lincoln Street. The proposed improvements would enhance safety and accessibility for bicyclists and pedestrians, while improving roadway aesthetics and would reduce vehicle emissions by improving the efficiency of traffic conduction. The proposed project is a roadway improvement project and does not propose any residential housing that would induce population growth and increase the impact to surrounding parks. It should be noted that the proposed project itself includes recreational elements including the trails and bike lanes. In addition, the proposed project would enhance connectivity with the provision of these uses to off-sire recreational areas. Therefore, impacts to parks resources would not occur.

v. Other public facilities?

Less Than Significant Impact. The proposed project would include pedestrian improvements including a multiuse trail, bike lane, improvements to the existing crosswalk on All America City Boulevard, and new crosswalks on Washington Boulevard and Lincoln Street. The proposed project is a roadway improvement project and does not propose any residential housing that would induce population growth and increase the impact to other public facilities such as libraries and childcare facilities. Therefore, impacts to other facilities would not occur.

Cumulative Impacts

The proposed project would not directly increase in population in the city and increase demand for public services because it is a roadway improvement project. The potential cumulative impacts to public services are evaluated based upon the consideration of the proposed project together with similar effects from other past, present, and reasonably foreseeable probable future projects. The project is consistent with the City's General Plan policies, development design guidelines, Downtown Specific Plan, Bicycle Master Plan, Pedestrian Master Plan, and Communitywide Sustainability Action Plan and would improve safety, capacity, traffic flow, and access to the existing land uses, historic District and Downtown Roseville. The proposed project would not result in incremental effects to public services or facilities and all emergency services would be maintained and not substantially affected by project implantation or operation. Therefore, the proposed project would not result in cumulatively considerable impacts to public services or facilities.

Sources:

Roseville, City of. Environmental Impact Report (EIR) Downtown Roseville Specific Plan, 2009. Available: http://roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8775091.

Roseville, City of. Downtown Specific Plan, adopted 2009. Available at: https://www.roseville.ca.us/government/departments/development_services/planning/specific_plans_planning_areas/downtown_specific_plan

Roseville, City of. General Plan 2035, 2016. Available: https://www.roseville.ca.us/government/departments/development_services/planning/general_plan_development_guidelines.

Roseville Municipal Code. Available at: http://qcode.us/codes/roseville/?view=desktop

4.16 Recreation

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
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?				✓

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?

Less than Significant Impact. The proposed project would include pedestrian improvements including a multiuse trail, bike lane, improvements to the existing crosswalk on All America City Boulevard, and new crosswalks on Washington Boulevard and Lincoln Street. The proposed project is a roadway improvement project and does not propose any residential land use that would induce population growth and increase demand or physical deterioration of local, neighborhood, or regional recreational facilities. The proposed project does include a multiuse trail, pedestrian

pathways, and new bike lanes that would increase the recreational facilities available to City residents. The nature of this project would not require construction or expansion of recreational facilities which might have an adverse physical effect on the environment not previously analyzed as part of the project. Therefore, impacts would be less than significant and no mitigation is required.

Further,

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?

No Impact. The proposed project includes a multiuse trail, pedestrian pathways, and new bike lanes that would improve access to recreational facilities available to residents in the City. These facilities, associated impacts, and mitigation when needed, are considered within the applicable sections of this environmental checklist. Neither the construction or expansion of these alternative transportation elements as part of the proposed project would have an adverse physical effect on the environment. Alternative transportation resources, such as those provided are typically considered beneficial uses as they are under the proposed project. Therefore, no impacts would occur.

Cumulative Impacts

The Amoruso Ranch Specific Plan Final EIR, which is the most recent General Plan Update, concluded that potential growth associated with development in the City would contribute to the cumulative demand for and use of recreational facilities. However, implementation of General Plan policies related to growth management, parkland and recreational facilities would ensure that there would be sufficient recreational resources (e.g., parks and open space) provided such that cumulative impacts associated with use of recreation and open space facilities would be less than significant. The proposed project would not result in an increased use of recreational facilities or require construction or expansion of existing recreational facilities. As discussed above, the proposed project would itself increase recreational connectivity within the City. It should be noted, that all impacts associated with the provision of the multi-use trail, bike lanes, and sidewalks would be less than significant or less than significant with mitigation. Overall, the improved access to recreation opportunities via the alternative transportation elements of the proposed project are considered a beneficial use. Therefore, the project would not contribute to the cumulative demand for and use of regional and local recreational facilities. Potential cumulative impacts, considering the proposed project as a whole would be less than significant.

Sources:

Roseville, City of. General Plan 2035, 2016. Available: https://www.roseville.ca.us/government/departments/development_services/planning/general_plan_development_guidelines.

Roseville, City of. General Plan 2035 Land Use Map. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/Specific%20Plans%20&%20Planning%20Areas/2035%20General%20Plan%20Redline%20Draft/Land%20Use%20Map.pdf

Roseville, City of. Zoning Map, 1996. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Development%20Services/Planning/Zoning%20Information/Zoning_30X40_2017%20FINAL_20170324.pdf

4.17 Transportation

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?			✓	
b) Would the project 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?			✓	

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

Less than Significant Impact. The proposed project would occur within the existing intersection and roadways of Washington Boulevard, All America City Boulevard. The project area is designated in the Roseville General Plan as Community Commercial and Public/Quasi Public use and is within the City's Downtown Specific Plan. The proposed project would be consistent with ongoing improvement standards of these plans and other goals and policies set forth by the City through enhancement of vehicle, pedestrian, and bicycle safety and access, safe access to schools, and maintaining or improving levels of service (LOS). Installation of the roundabout, multi-use trail, crosswalks, and other roadway improvements would not conflict with any plan adopted by the community. As discussed in *Section 4.7 Land Use and Planning*, above, the proposed project improvements are aligned with and support the City's goals and policies proposed in the Downtown Specific Plan and General Plan.

The proposed project includes design elements and roadway improvements that are identified in multiple City and regional planning documents, such as the City's Downtown Municipal code design guidelines, 2005 Implementation Strategies to Achieve Blueprint Project Objectives, 2008 Bicycle Master Plan, 2009 Americans with Disabilities Act ADA Transition Plan for Public Rights-of-Way, 2010 Communitywide Sustainability Action Plan, 2011 Pedestrian Master Plan, Amoruso Ranch Specific Plan, and 2035 General Plan. The City and regional planning documents emphasize goals associated with improved circulation, less traffic congestion, and safer access for bicyclists, pedestrians, and vehicles by creating a signalized intersection that would provide better alignment with All America City Boulevard and Lincoln Street. Pedestrian facilities would be highly improved and compliant with ADA standards. Bikeways would be maintained and upgraded from Class 2 to Class 1 bike lanes along Washington Boulevard. Therefore, the proposed project would not impede a plan, policy, or regulation adopted to address the circulation system, including transit, roadway, bicycle and pedestrian facilities. Therefore, impacts would be less than significant, and no mitigation is required.

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

Less than Significant Impact. The proposed project includes improvements to the existing intersection at Washington Boulevard, All America City Boulevard, and Lincoln Street. Improvements consist of installation of a roundabout that would maintain the multilane configuration of Washington Boulevard and would include single lane approaches and departures from All America City Boulevard on the west and dual entry and exit configuration at Lincoln Street on the east. The proposed project also includes improvements for pedestrian and bicycle travel with a multiuse trail, bike lane, improvements to the existing crosswalk on All America City Boulevard, a new crosswalk across Lincoln Street and two new crosswalks on Washington Boulevard. There are no new land uses such as residential, commercial, or industrial proposed. The proposed project would not increase the vehicle miles travelled or induce additional vehicle travel. The proposed project does not include any new roadways or expand the capacity of the existing roadway. The proposed improvements would enhance safety of vehicular traffic at the two way stop controlled intersection and would improve accessibility for bicyclists and pedestrians.

The proposed project does include a dedicated bus pullout from the southbound lanes of Washington Boulevard intended to increase the functionality of existing transit, and the installation of the multi-modal trail will improve connectivity within the site and to the surrounding areas. In addition to simply increasing the availability of such amenities, the intent also is to encourage non-vehicular travel. This too, would serve to reduce overall VMT. In sum, the proposed project has been designed to consider the transportation system as a whole including vehicles, transit, bicyclists, and pedestrians. Therefore, because the proposed project is not considered a trip generating use, and includes uses intended to reduce vehicle trips, and would improve efficiency and safety of the intersection, impacts in this regard would be less than significant.

It should be noted that the proposed project would have a short-term incremental increase on vehicle trips and VMT associated with construction of the project. To facilitate construction, workers would be required to drive to the project site on a daily basis. Due to the relatively small scale of the project, the fact it includes roadway improvements and does not include the building of structures, the workforce needed for the project would be relatively small. In addition, it is anticipated that many workers would be located within the City or surrounding region and the distance travelled to the worksite would be relatively

short. These trips also would cease upon completion of the proposed project, and due to this and their temporary nature, the slight increase in VMT in this regard is less than significant.

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

Less than Significant Impact. The proposed project is designed to improve traffic operations, and pedestrian and bicycle access, safety, and access to transit. The intersection at Washington Boulevard, All America City Boulevard, and Lincoln Street is currently stop controlled by two stop signs at All America City Boulevard and Lincoln Street. There is currently only one crosswalk which is marked across All America City Boulevard. In addition, Washington Boulevard is curved at the roadway, and although views of the intersection are generally open for northbound traffic, southbound views of the intersection and obscured by fencing and vegetation on the westerly side of the road.

Implementation of the proposed project would consist of roadway improvements and add traffic calming elements approaching the roundabout. The proposed project would remove the stop signs and enable safer conduction of vehicles through the roundabout at slower speeds. The roundabout has been designed to enhance safety, add dual approach and exit lanes from Lincoln Street. Lincoln Street is aligned at an oblique angle to Washington Boulevard which makes turning movement more difficult. The proposed project would remedy this situation with an early exit from Washington Boulevard and reduce the volume of vehicles exiting the roundabout onto Lincoln Street.

The project is proposed to alleviate current congestion, reduce intersection delays and queues, and better accommodate pedestrian and bicycle traffic, thereby minimizing delays on the three roadways and reducing potential safety hazards. These improvements would be designed in accordance with all applicable roadway design standards set forth by the City and Caltrans, which have been established to ensure safe and efficient vehicular circulation on roadway facilities. As such, no sharp curves, dangerous intersections, or incompatible uses would be introduced by the proposed project. Therefore, impacts would be less than significant, and no mitigation is required.

d) Result in inadequate emergency access?

Less than Significant Impact. The roadways planned for improvement under the proposed project are anticipated to remain open during construction. However, at times depending on the construction scheduling and other demands, there may be temporary lane closures during non-commute times or traffic may be limited to one-way travel. Temporary lane closures and construction-related traffic could delay or obstruct the movement of emergency vehicles. Project plans would be reviewed by the appropriate City departments to ensure conformance with all applicable fire safety code and ordinance requirements for emergency access. Standard management practices such as communication with the department, having flagmen, minimizing closures, and having unobstructed alternate routes would maintain the efficiency of emergency access. Therefore, impacts would be less than significant, and mitigation is not required.

Cumulative Impacts

Cumulative transportation impacts are typically considered over a wide area, sometimes regionally, but typically smaller projects, such as the proposed project are considered at the City level. The proposed project consists of roadway improvements to improve traffic flow, increase access to transit, and improve

safety for pedestrians and bicyclists. The proposed project itself was found not to have impacts associated with VMT and has elements that could serve to reduce VMT. Taken in sum with other past, present, and reasonably foreseeable projects, the proposed project would not make a cumulative contribution to number of vehicle miles travelled. The proposed project is not considered a trip generating use, and it would not increase the roadway capacity inducing more vehicle trips, but instead would improve the efficiency of traffic conduction. For these reasons cumulative traffic impacts would be less than significant and mitigation is not required.

Sources:

Roseville, City of. General Plan 2035, 2016. Available:

https://www.roseville.ca.us/government/departments/development_services/planning/general_plan_development_guidelines.

Roseville, City of. Downtown Specific Plan, adopted 2009. Available at:

https://www.roseville.ca.us/government/departments/development_services/planning/specific_plans_planning_areas/downtown_specific_plan

4.18 Tribal Cultural Resources

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

Tribal cultural resources are defined in the *California Environmental Quality Act* (CEQA) as:

1. Sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American Tribe that are either of the following:
    a. Included in or determined to be eligible for inclusion in the California Register of Historical Resources (CRHR).
    b. Included in a local register of historical resources as defined in subdivision (k) of Section 5020.1.

1. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of PRC Section 5024.1.

Assembly Bill (AB) 52 defines a California Native American Tribe as a Native American tribe located in California that is on the contact list maintained by the Native American Heritage Commission (PRC Section 21073). A cultural landscape that meets the criteria of subdivision (a) is a tribal cultural resource to the extent that the landscape is geographically defined in terms of the size and scope of the landscape. Sacred places can include Native American sanctified cemeteries, places of worship, religious or ceremonial sites, and sacred shrines. Both unique and non-unique archaeological resources, as defined in PRC Section 21083.2, can be tribal cultural resources if they meet the criteria for listing in the CRHR (PRC Section 524.1(c)). The lead agency relies upon substantial evidence to make the determination that a resource qualifies as a tribal cultural resource when it is not already listed in the CRHR or a local register.

On March 18, 2019, a request for a search of the Sacred Lands File search, CEQA Tribal Consultation List, and Section 106 consultation outreach list from the NAHC was made. On March 28, 2019, the NAHC responded that their search of the Sacred Lands File returned negative results. The NAHC also provided detailed instructions to comply with AB52 and a Native American Consultation List for Placer County.

On April 8, 2019, certified letters were mailed to the tribes included on the NAHC Native American Consultation List. These consisted of the Colfax-Todds Valley Consolidated Tribe, Shingle Springs Band of Miwok Indians, Tsi Akim Maidu, United Auburn Indian Community of the Auburn Rancheria, and the Washoe Tribe of Nevada and California.

On April 23, 2019, follow-up emails were sent to each of the tribes that were sent letters. The follow-up contact was to ensure that the letters were received and to inquire if there were any concerns regarding the project. On May 23, 2019, Darrel Cruz, Director of the Tribal Historic Preservation Office, Washoe Tribe of Nevada and California, responded via email that the tribe did not have an interest in the proposed project at this time. No response has been received from any of the other tribes to date.

a) Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: i) Listed or eligible for listing in the California:

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

Less Than Significant Impact With Mitigation Incorporated. Tribal cultural resources as defined in Public Resources Code section 5020.1(k) have not been previously identified within the project area and are considered unlikely to be present given the historical use of the site. As discussed above, correspondence in accordance with AB 52 were sent to individual and organizations requesting notification. The letters briefly described the location and nature of the project and requested the receiving party supply

comment. A follow-up e-mail was sent and only one response indicating the tribe did not have an interest in the proposed project at this time was received.

The project site has been heavily disturbed and is predominantly developed with roadway uses, sidewalk, landscaping, and a heavily modified drainage ditch. The construction of these current uses would have required substantial grading and earthmoving activities. In addition, the proposed project does not contain any existing structures or extant historical tribal cultural resources with the potential for inclusion on the California Register of Historical Resources or a local register. However, it is possible that unknown buried tribal cultural resources could be present on the project site. Should buried or otherwise unknown tribal cultural resources be encountered and damaged during construction, a potentially significant impact would result. Implementation of Mitigation Measure TCR-1 would reduce this impact to less than significant.

Mitigation Measures

Mitigation Measure TRC-1: Implement Measures to Protect Previously Unidentified Tribal Cultural Resources

If subsurface deposits believed to be cultural or human in origin, or tribal cultural resources, are discovered during construction, all work shall halt within a 100-foot radius of the discovery, and the Construction Manager shall immediately notify the City of Roseville Development Services Director by phone. The Construction Manager shall also immediately coordinate with the monitoring archeologist or project archaeologist, or, in the absence of either, contact a qualified professional archaeologist, meeting the Secretary of the Interior's Professional Qualification Standards for archaeology and subject to approval by the City, to evaluate the significance of the find and develop appropriate management recommendations. All management recommendations shall be provided to the City in writing for the City's review and approval. If recommended by the qualified professional and approved by the City, this may include modification of the no-work radius.

The professional archaeologist must make a determination, based on professional judgement and supported by substantial evidence, within one business day of being notified, as to whether or not the find represents a cultural resource or has the potential to be a tribal cultural resource. The subsequent actions will be determined by the type of discovery, as described below. These include: 1) a work pause that, upon further investigation, is not actually a discovery and the work pause was simply needed in order to allow for closer examination of soil (a "false alarm"); 2) a work pause and subsequent action for discoveries that are clearly not related to tribal resources, such as can and bottle dumps, artifacts of European origin, and remnants of built environment features; and 3) a work pause and subsequent action for discoveries that are likely related to tribal resources, such as midden soil, bedrock mortars, groundstone, or other similar expressions.

Whenever there is question as to whether or not the discovery represents a tribal resource, culturally affiliated tribes shall be consulted in making the determination. The following processes shall apply, depending on the nature of the find, subject to the review and approval of the City:

- Response to False Alarms: If the professional archaeologist determines that the find is negative for any cultural indicators, then work may resume immediately upon notice to proceed from the City's representative. No further notifications or tribal consultation is necessary, because the discovery is

not a cultural resource of any kind. The professional archaeologist shall provide written documentation of this finding to the City.

- Response to Non-Tribal Discoveries: If at the time of discovery a professional archaeologist determines that the find represents a non-tribal cultural resource from any time period or cultural affiliation, the City shall be notified immediately, to consult on a finding of eligibility and implementation of appropriate treatment measures, if the find is determined to be a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines. The professional archaeologist shall provide a photograph of the find and a written description to the City of Roseville. The City of Roseville will notify any [tribe(s)] who, in writing, requested notice of unanticipated discovery of non-tribal resources. Notice shall include the photograph and description of the find, and a tribal representative shall have the opportunity to determine whether or not the find represents a tribal cultural resource. If a response is not received within 24 hours of notification (none of which time period may fall on weekends or City holidays), the City will deem this portion of the measure completed in good faith as long as the notification was made and documented. If requested by a [tribe(s)], the City may extend this timeframe, which shall be documented in writing (electronic communication may be used to satisfy this measure). If a notified tribe responds within 24 hours to indicate that the find represents a tribal cultural resource, then the Response to Tribal Discoveries portion of this measure applies. If the tribe does not respond or concurs that the discovery is non-tribal, work shall not resume within the no-work radius until the City, through consultation as appropriate, determines that the site either: 1) is not a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines; or 2) that the treatment measures have been completed to its satisfaction.

- Response to Tribal Discoveries: If the find represents a tribal or potentially tribal cultural resource that does not include human remains, the **[tribe(s)]** and City shall be notified. The City will consult with the tribe(s) on a finding of eligibility and implement appropriate treatment measures, if the find is determined to be either a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines, or a Tribal Cultural Resource, as defined in Section 21074 of the Public Resources Code. Preservation in place is the preferred treatment, if feasible. Work shall not resume within the no-work radius until the City, through consultation as appropriate, determines that the site either: 1) is not a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines; or 2) not a Tribal Cultural Resource, as defined in Section 21074 of the Public Resources Code; or 3) that the treatment measures have been completed to its satisfaction.

- Response to Human Remains: If the find includes human remains, or remains that are potentially human, the construction supervisor or on-site archaeologist shall ensure reasonable protection measures are taken to protect the discovery from disturbance (AB 2641) and shall notify the City and Placer County Coroner (per § 7050.5 of the 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 shall be implemented. If the Coroner determines the remains are Native American and not the result of a crime scene, 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. Public Resources Code § 5097.94 provides structure for mediation through the NAHC if necessary. If no agreement is reached, the

City shall rebury the remains in a respectful manner 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 shall not resume within the no-work radius until the City, through consultation as appropriate, determines that the treatment measures have been completed to its satisfaction.

Cumulative Impacts

Based on the heavily disturbed nature of the project site, and the lack of response from the required AB 52 Tribal scoping process and from any potential interested Native American tribes, the proposed project is very unlikely to result in impacts to tribal cultural resources. The proposed project; however, could result in potential site-specific impacts to unknown archaeological, cultural, and tribal cultural resources. Other projects within the cumulative study area also have the potential to result in damage and/or loss to such resources. The combination of the proposed project as well as past, present, and reasonably foreseeable projects in the City of Roseville and Placer County could result in impacts. Potential impacts to such resources are typically mitigated on a project by project basis. Accordingly, all projects would be required to comply with all applicable State, federal, and County and local regulations concerning preservation, salvage, or handling of cultural and paleontological resources, including compliance with required mitigation. Similar to the proposed project, these projects also would be required to implement and conform to mitigation measures, which would be likely to reduce impacts to less than significant. In addition, implementation of Mitigation Measures **MM CUL-1** through **MM CUL-3**, would reduce project-specific impacts to a less than significant level. Therefore, the project's contribution to cumulative impacts would be less than significant.

Sources:

2020, May. Archaeological Survey Report, Washington Boulevard at All America City Boulevard (WAAC) Roundabout Project. InContext

4.19 Utilities and Service Systems

ENVIRONMENTAL IMPACTS	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental 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?			✓	

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?

Less Than Significant Impact. The proposed project would provide traffic, pedestrian and bicycle improvements. The proposed project does not include any uses which would not generate

increased demand for wastewater, natural gas, or telecommunications facilities. The proposed project includes replacement of existing light poles and installation of new safety lighting within the crosswalks along the pedestrian pathways, and for the roundabout. These light sources would require a nominal amount of additional electric power and all lights would be energy efficient LEDs or similar.

Implementation of the proposed project could generate nominal additional water demand during the temporary, short-term construction phase such as watering of disturbed areas to minimize fugitive dust. Because of the nature of the proposed improvements the project would not increase the demand for water during operations. Thus, the proposed project would be served by the existing facilities and no new or expanded water, wastewater, electric power, natural gas, or telecommunications facilities would be required.

The proposed project would include excavation and could expose existing dry utility lines (electrical and communications). Due to excavation depth and project alignment, it is likely an adjustment of these existing underground utilities, including electrical, telephone, and cable, would be required to adjust to the new surface elevation of the proposed project. These dry utilities would likely require a vertical relocation, and only a minimal amount of horizontal relocation (within a few feet) of utilities is not anticipated. No new right-of-way or disturbance outside of the existing roadway is required. In addition, the project would require the removal of approximately five existing light poles. These light poles with be replaced with approximately 18 new lighting standards along the new intersection alignment.

An existing 16-inch potable water main runs under Washington Boulevard in the project area. Approximately 340 feet of this main will be relocated by horizontal offset of approximately 10 feet to the current alignment. Approximately 100 feet of new 8-inch potable water line will be constructed to connect the 16-inch water main to existing 8-inch water distribution line on the east side of Washington Boulevard. New valves will be installed on both the 16-inch water main and 8-inch water distribution pipelines. Additionally, existing fire hydrants will be replaced with new hydrants and relocated to conform with new intersection/roadway alignment. No sewer mains are located within this portion of Washington Boulevard and no changes to the existing sewer infrastructure is required.

An existing drainage ditch is located adjacent to the eastern alignment of Washington Boulevard. The slope of the ditch is relatively flat and without heavy inflow, the water stagnates in the ditch. The drainage ditch is not considered a usable water resource. The ditch extends northerly along Washington Boulevard and is conducted under Lincoln Boulevard via a 24-inch pipe. The ditch extends approximately 170 feet to the north of the intersection with Lincoln Street where, when flows are high, flows via a 24-inch concrete pipe under the railroad tracks in an easterly direction. The proposed project would result in alteration to the drainage ditch and would require installation of a properly graded underground conduction system. None of the utility or drainage adjustments would create new significant effects. Impacts would be less than significant, and no mitigation is required.

b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?

No Impact. The proposed traffic, pedestrian and bicycle improvements at Washington Boulevard, All America City Boulevard, and Lincoln Street do not include features that would generate significant additional water demand. Water used during construction to minimize dust would be recycled water rather than the City's potable water supply. The proposed project may include a few minor vegetative landscape features that would be consistent with all city requirements for drought tolerant plants and low flow irrigation systems. Any increase in water use from these features would be nominal. Thus, the proposed project can be served by the existing entitlements and resources and no new or expanded water entitlements would be required. Impacts would not occur and mitigation is not required.

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?

Less Than Significant Impact. As discussed above, the proposed project does not include design features which would generate wastewater. Although the improvements would improve circulation and access with the construction of the roundabout, these improvements are included in prior planning documents and would not generate unplanned population growth which could produce demand in excess of the existing wastewater capacity. Thus, impacts would be less than significant and no mitigation is required.

d) Generate solid waste in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

Less Than Significant Impact. Implementation of the proposed project would not generate additional solid waste during the operational phase. The proposed project would generate construction waste during the construction of the project. As such, the project would be required to comply with the City of Roseville Refuse Hauling and Recycling Ordinance (Chapter 9, Article 17). In addition, the proposed site is within the Downtown Specific Plan Area, and thus would comply with the construction-related Solid Waste Mitigation Measure outlined in the Downtown Specific Plan EIR, which requires reuse and recycle of construction and demolition waste including, but not limited to, soil, vegetation, concrete, lumber, metal, and cardboard.

The Western Regional Sanitary Landfill (WRSL) was identified in the City's General Plan and Downtown Specific Plan EIR as a regional solid waste disposal site for the majority of solid waste generated in the City of Roseville. The WRSL is located approximately 6.5 miles northwest of the project site and has a remaining capacity of approximately 29,100,000 cubic yards which equals 80% of its permitted capacity. The WRSL has the capacity to process up to 1,900 tons of solid waste per day and has permitted capacity until 2042. The rate of solid waste generated by the proposed project is not anticipated to require a substantial amount of landfill capacity since the proposed project would generate a minor volume of waste requiring disposal. In addition, waste would be generation would be on a temporary, short-term period during construction. Furthermore, long-term landfill capacity is available well beyond the project construction period without the need for additional solid waste disposal facilities. This nominal incremental increase in solid waste disposal at the WRSL would not be considered substantial. Therefore, due to the type of construction, the short-term temporary impacts, and the available capacity in the receiving landfill, the project would

not result in inadequate landfill capacity, impacts would be less than significant and no mitigation is required.

e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

Less Than Significant Impact. As noted above, the proposed project would generate construction waste during the construction phase. The proposed project would be required to comply with the City of Roseville Refuse Hauling and Recycling Ordinance and Solid Waste Mitigation Measure outlines in the Downtown Specific Plan EIR. The proposed project would not compromise the City's compliance with federal, State and local statutes and regulations related to management and reduction of solid waste. Impacts would be less than significant, and no mitigation is required.

Cumulative Impacts

Utilities are generally provided or delivered on a local level but often originate from sources outside of the City as part of a regional distribution system. However, the General Plan does not identify any significant impacts related to utilities. Similar to the project, other projects within the City would be required to adhere to the Standard Conditions of Approval related to water efficiency, utilities services and plans, and drainage. Therefore, implementation of the proposed project would not result in a cumulatively considerable contribution to impacts on water supply and wastewater, stormwater, or solid waste generation.

The coordination process associated with the preparation of development and infrastructure plans is intended to ensure that adequate resources are available to serve both individual projects and cumulative demand for resources and infrastructure as a result of cumulative growth and development in the area. Individual projects are subject to review for utility capacity to avoid unanticipated interruptions in service or inadequate supplies. Other planned projects are subject to connection and service fees to assist in facility expansion and service improvements triggered by an increase in demand. The proposed project would not result in incremental impacts to utilities or service systems that, taken in sum with past, present, and reasonably foreseeable projects, would not result in significant cumulative utility impacts.

Sources:

Roseville, City of. Environmental Impact Report (EIR) Downtown Roseville Specific Plan, 2009. Available: http://roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8775091

Roseville, City of. Downtown Specific Plan, adopted 2009. Available at: https://www.roseville.ca.us/government/departments/development_services/planning/specific_plans_planning_areas/downtown_specific_plan

Roseville, City of. General Plan 2035, 2016. Available: https://www.roseville.ca.us/government/departments/development_services/planning/general_plan_development_guidelines.

Roseville Municipal Code. Available at: http://qcode.us/codes/roseville/?view=desktop

4.20 Wildfire

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

a) Substantially impair an adopted emergency response plan or emergency evacuation plan?

No Impact. The proposed project is not located in a Very High Fire Hazard Severity Zone (VHFHSZ) as identified by the California Department of Forestry and Fire Protection (CAL FIRE). The nearest State Responsibility Area (SRA) is located approximately 6.5 miles northeast from the project site. The City has an Emergency Management Team (EMT) that works to ensure that City is prepared to respond to disasters that may occur within the City. The City currently has an adopted Emergency Operations Plan (EOP) developed by the City to establish an Emergency Management Organization (EMO) and assign functions and tasks consistent with California's Standardized Emergency Management System (SEMS) and the National Incident Management System (NIMS). The EOP is intended to provide direction on how to respond to disasters or other large-scale emergencies in the City. In addition, the City also has an adopted Multi-Hazard Mitigation Plan that has recently

been updated and provides a comprehensive understanding of the potential disaster risks, mitigation plans and policies that would reduce vulnerability to hazards. No revisions to the adopted EOP or Multi-Hazard Mitigation Plan would be required as a result of the proposed project. The project site is not located within or along a City designated evacuation route and would not require revisions to existing evacuation plans. The proposed project is not located in an area that would obstruct the response plan to an emergency and is not located in an area that would impair an emergency evacuation plan. Thus, the proposed project would not impair or physically interfere with an adopted emergency response or 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?

No Impact. As identified by CAL Fire, the project site is located within an urban area and is not located within or adjacent to VHFHSZ for local responsibility areas or Fire Hazard Zones for state responsibility areas. The proposed project is not located in an area susceptible to wildfire and is not located on any steep slopes, adjacent to steep slopes. The project site is identified as a Local Responsibility Area (LRA) by CAL Fire. An LRA is a zone where incorporated local agencies have the primary responsibility for fire protection as opposed to a State Responsibility Area (SRA) where CALFIRE would have the primary responsibility. CALFIRE also provides designations of Fire Hazard Severity Zones in both SRA's and LRA's. The project site is not within any Fire Hazard Severity Zones in both SRA and LRA.

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?

Less Than Significant Impact. As previously discussed, all proposed project components (including infrastructure, utilities, roads, etc.) would be located within the boundaries of the project site, and impacts associated with the development of the proposed project within this footprint area are analyzed throughout this document. Additionally, the project would be designed and constructed to be consistent with City standards to ensure that the project has adequate fire suppression, fire access, and would not exacerbate fire hazards. The proposed project is in an urban environment, would occur within and improve the existing roadways, and does not propose the installation of any infrastructure that would exacerbate a fire hazard. Impacts in this regard would be less than significant.

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?

Less Than Significant Impact. As discussed above, the proposed project is not located in a VHFHSZ as identified by CAL FIRE. The nearest state responsibility area is located 6.5 miles northeast from the project site. The proposed project site is not susceptible to wildfire. In addition, the project site is relatively flat and is not located near any areas conducive to downslope or downstream flooding or landslides. The slope of the existing drainage ditch adjacent to the eastern alignment of Washington Boulevard is relatively flat and does not have heavy inflow. The proposed project would

include alterations to the drainage ditch, however, alterations to the drainage ditch would not result in exposure to significant risks. Therefore, the proposed project would not 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.

Cumulative Impacts

The incremental effects of the proposed project related to wildfire, would be minimal, and any effects would be site specific. Therefore, the proposed project would not result in incremental effects to wildfire that could be compounded or increased when considered together with similar effects from other past, present, and reasonably foreseeable probable future projects. The proposed project would not result in cumulatively considerable impacts to or from wildfires.

Sources:

Roseville, City of. General Plan 2035, 2016. Available: https://www.roseville.ca.us/government/departments/development_services/planning/general_plan_development_guidelines.

Roseville, City of. Emergency Operations Plan (EOP), 2011. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Fire%20Dept/Emergency%20Preparedness/COR_Emergency_Operations_Plan.pdf

Roseville, City of. Multi-Hazard Mitigation Plan, 2016. Available at: https://www.roseville.ca.us/UserFiles/Servers/Server_7964838/File/Government/Departments/Fire%20Dept/Emergency%20Preparedness/Multi%20Hazard%20Mitigation%20Plan/Roseville_FinalRevisedforSubmission_MHMP.pdf

California Department of Forestry and Fire Protection. Fire and Resource Assessment Program (FRAP). FHSZ Viewer. Available at: https://egis.fire.ca.gov/FHSZ/

California Department of Forestry and Fire Protection. Board of Forestry and Fire Protection. SRA Viewer. Available at: https://bof.fire.ca.gov/projects-and-programs/state-responsibility-area-viewer/

4.21 Mandatory Findings of Significance

ENVIRONMENTAL IMPACTS Issues	Potentially Significant Issues	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
Does the project:				
a) 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?		✓		

a) 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?

Less Than Significant Impact With Mitigation Incorporated. The potential for the proposed project to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause

a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory were considered in the response to each question in this section (Section 4) of this checklist. On the basis of the foregoing analysis, the proposed project has the potential to significantly impact biological resources including special-status plant and wildlife species. Measures have been proposed that would mitigate impacts to a less than significant level.

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)?

Less Than Significant Impact With Mitigation Incorporated. Per the criteria for evaluating environmental impacts in this Initial Study, this evaluation considered the project's potential for incremental effects that are cumulatively considerable. Accordingly, as discussed above, and in addition to project specific impacts, this evaluation concluded that there is no substantial evidence that cumulative effects associated with the proposed project would occur.

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

Less Than Significant Impact With Mitigation Incorporated. The project proposes to construct a signalized roundabout that would provide traffic, pedestrian and bicycle improvements to the existing crosswalk on All America City Boulevard, and new crosswalks on Washington Boulevard and Lincoln Street as described in the Air The potential for adverse direct or indirect impacts to human beings were considered in the response to certain questions in this section (Section 4) of this checklist. As a result of this evaluation, there is no substantial evidence that there are adverse effects on human beings associated with the proposed project.

This page intentionally left blank

Appendix A

Air Quality and Greenhouse Gas Modeling Data

Roseville Roundabout - Placer-Sacramento County, Summer

Roseville Roundabout

Placer-Sacramento County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.50	Acre	3.50	152,460.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2022
Utility Company	Roseville Electric				
CO2 Intensity (lb/MWhr)	793.8	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - anticipated construction schedule

Grading -

Demolition -

Construction Off-road Equipment Mitigation - dust control measures

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6

tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	18.00	109.00
tblConstructionPhase	NumDays	18.00	59.00
tblConstructionPhase	PhaseEndDate	2/23/2022	6/30/2022
tblConstructionPhase	PhaseEndDate	1/28/2022	3/28/2022
tblTripsAndVMT	HaulingTripNumber	0.00	554.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	3.9532	41.9852	22.5457	0.0874	18.2141	2.0454	20.2595	9.9699	1.8818	11.8516	0.0000	8,921.3601	8,921.3601	1.1953	0.0000	8,949.1530
2022	1.9924	18.2855	18.3953	0.0391	0.6951	0.8174	1.5125	0.1882	0.7691	0.9573	0.0000	3,800.6287	3,800.6287	0.6537	0.0000	3,816.9701
Maximum	**3.9532**	**41.9852**	**22.5457**	**0.0874**	**18.2141**	**2.0454**	**20.2595**	**9.9699**	**1.8818**	**11.8516**	**0.0000**	**8,921.3601**	**8,921.3601**	**1.1953**	**0.0000**	**8,949.1530**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	3.9532	41.9852	22.5457	0.0874	7.8635	2.0454	9.9089	4.2827	1.8818	6.1644	0.0000	8,921.3601	8,921.3601	1.1953	0.0000	8,949.1530

2022	1.9924	18.2855	18.3953	0.0391	0.6604	0.8174	1.4778	0.1797	0.7691	0.9488	0.0000	3,800.6287	3,800.6287	0.6537	0.0000	3,816.9701
Maximum	**3.9532**	**41.9852**	**22.5457**	**0.0874**	**7.8635**	**2.0454**	**9.9089**	**4.2827**	**1.8818**	**6.1644**	**0.0000**	**8,921.3601**	**8,921.3601**	**1.1953**	**0.0000**	**8,949.1530**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**54.92**	**0.00**	**47.70**	**56.07**	**0.00**	**44.47**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0657	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0657**	**0.0000**	**3.6000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**	**0.0000**	**8.2000e-004**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0657	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004

Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0657**	**0.0000**	**3.6000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**	**0.0000**	**8.2000e-004**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/28/2021	5	20	
2	Site Preparation	Site Preparation	1/29/2021	2/4/2021	5	5	
3	Grading	Grading	2/5/2021	2/16/2021	5	8	
4	Building Construction	Building Construction	2/17/2021	1/4/2022	5	230	
5	Paving	Paving	1/5/2022	3/28/2022	5	59	
6	Architectural Coating	Architectural Coating	1/29/2022	6/30/2022	5	109	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 3.5

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,148

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73

Demolition	Excavators	3	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Grading	Excavators	1	8.00	158	0.38
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	6.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	2	6.00	132	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	64.00	25.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	283.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	554.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.0614	0.0000	3.0614	0.4635	0.0000	0.4635			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.0614**	**1.5513**	**4.6127**	**0.4635**	**1.4411**	**1.9046**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1054	3.5186	0.5766	0.0116	0.2475	0.0116	0.2591	0.0679	0.0111	0.0790		1,211.8849	1,211.8849	0.0368		1,212.8053
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0542	0.0287	0.4041	1.1900e-003	0.1232	7.6000e-004	0.1240	0.0327	7.0000e-004	0.0334		118.4754	118.4754	2.7000e-003		118.5430

Total	**0.1595**	**3.5473**	**0.9807**	**0.0128**	**0.3707**	**0.0124**	**0.3831**	**0.1005**	**0.0118**	**0.1124**		**1,330.3603**	**1,330.3603**	**0.0395**		**1,331.3483**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.3087	0.0000	1.3087	0.1982	0.0000	0.1982			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**1.3087**	**1.5513**	**2.8601**	**0.1982**	**1.4411**	**1.6392**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1054	3.5186	0.5766	0.0116	0.2363	0.0116	0.2479	0.0651	0.0111	0.0762		1,211.8849	1,211.8849	0.0368		1,212.8053
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0542	0.0287	0.4041	1.1900e-003	0.1168	7.6000e-004	0.1176	0.0311	7.0000e-004	0.0318		118.4754	118.4754	2.7000e-003		118.5430
Total	**0.1595**	**3.5473**	**0.9807**	**0.0128**	**0.3531**	**0.0124**	**0.3655**	**0.0962**	**0.0118**	**0.1080**		**1,330.3603**	**1,330.3603**	**0.0395**		**1,331.3483**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0650	0.0344	0.4849	1.4300e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		142.1705	142.1705	3.2400e-003		142.2516
Total	**0.0650**	**0.0344**	**0.4849**	**1.4300e-003**	**0.1479**	**9.1000e-004**	**0.1488**	**0.0392**	**8.4000e-004**	**0.0401**		**142.1705**	**142.1705**	**3.2400e-003**		**142.2516**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Fugitive Dust					7.7233	0.0000	7.7233	4.2454	0.0000	4.2454			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**7.7233**	**2.0445**	**9.7678**	**4.2454**	**1.8809**	**6.1263**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0650	0.0344	0.4849	1.4300e-003	0.1402	9.1000e-004	0.1411	0.0373	8.4000e-004	0.0382		142.1705	142.1705	3.2400e-003		142.2516
Total	**0.0650**	**0.0344**	**0.4849**	**1.4300e-003**	**0.1402**	**9.1000e-004**	**0.1411**	**0.0373**	**8.4000e-004**	**0.0382**		**142.1705**	**142.1705**	**3.2400e-003**		**142.2516**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**6.5523**	**1.1599**	**7.7123**	**3.3675**	**1.0671**	**4.4346**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5157	17.2198	2.8220	0.0566	1.2114	0.0569	1.2683	0.3321	0.0544	0.3865		5,930.9561	5,930.9561	0.1802		5,935.4605
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0542	0.0287	0.4041	1.1900e-003	0.1232	7.6000e-004	0.1240	0.0327	7.0000e-004	0.0334		118.4754	118.4754	2.7000e-003		118.5430
Total	**0.5698**	**17.2485**	**3.2260**	**0.0578**	**1.3346**	**0.0577**	**1.3922**	**0.3648**	**0.0551**	**0.4199**		**6,049.4316**	**6,049.4316**	**0.1829**		**6,054.0035**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8011	0.0000	2.8011	1.4396	0.0000	1.4396			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**2.8011**	**1.1599**	**3.9610**	**1.4396**	**1.0671**	**2.5067**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5157	17.2198	2.8220	0.0566	1.1564	0.0569	1.2133	0.3186	0.0544	0.3730		5,930.9561	5,930.9561	0.1802		5,935.4605
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0542	0.0287	0.4041	1.1900e-003	0.1168	7.6000e-004	0.1176	0.0311	7.0000e-004	0.0318		118.4754	118.4754	2.7000e-003		118.5430
Total	**0.5698**	**17.2485**	**3.2260**	**0.0578**	**1.2732**	**0.0577**	**1.3309**	**0.3497**	**0.0551**	**0.4048**		**6,049.4316**	**6,049.4316**	**0.1829**		**6,054.0035**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	0.0751	2.6949	0.4718	7.3100e-003	0.1693	6.1100e-003	0.1754	0.0488	5.8500e-003	0.0546		765.5288	765.5288	0.0332		766.3582
Worker	0.2312	0.1225	1.7240	5.0700e-003	0.5257	3.2500e-003	0.5290	0.1395	3.0000e-003	0.1425		505.4952	505.4952	0.0115		505.7834
Total	**0.3062**	**2.8174**	**2.1958**	**0.0124**	**0.6951**	**9.3600e-003**	**0.7044**	**0.1882**	**8.8500e-003**	**0.1970**		**1,271.0240**	**1,271.0240**	**0.0447**		**1,272.1416**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0751	2.6949	0.4718	7.3100e-003	0.1621	6.1100e-003	0.1682	0.0470	5.8500e-003	0.0528		765.5288	765.5288	0.0332		766.3582
Worker	0.2312	0.1225	1.7240	5.0700e-003	0.4983	3.2500e-003	0.5016	0.1327	3.0000e-003	0.1357		505.4952	505.4952	0.0115		505.7834
Total	**0.3062**	**2.8174**	**2.1958**	**0.0124**	**0.6604**	**9.3600e-003**	**0.6698**	**0.1797**	**8.8500e-003**	**0.1885**		**1,271.0240**	**1,271.0240**	**0.0447**		**1,272.1416**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0699	2.5596	0.4382	7.2600e-003	0.1693	5.2200e-003	0.1745	0.0488	5.0000e-003	0.0537		759.3389	759.3389	0.0314		760.1226
Worker	0.2163	0.1102	1.5937	4.8900e-003	0.5257	3.1800e-003	0.5289	0.1395	2.9300e-003	0.1424		486.9562	486.9562	0.0104		487.2153
Total	**0.2861**	**2.6698**	**2.0319**	**0.0122**	**0.6951**	**8.4000e-003**	**0.7035**	**0.1882**	**7.9300e-003**	**0.1961**		**1,246.2951**	**1,246.2951**	**0.0417**		**1,247.3379**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0699	2.5596	0.4382	7.2600e-003	0.1621	5.2200e-003	0.1673	0.0470	5.0000e-003	0.0520		759.3389	759.3389	0.0314		760.1226
Worker	0.2163	0.1102	1.5937	4.8900e-003	0.4983	3.1800e-003	0.5015	0.1327	2.9300e-003	0.1357		486.9562	486.9562	0.0104		487.2153
Total	**0.2861**	**2.6698**	**2.0319**	**0.0122**	**0.6604**	**8.4000e-003**	**0.6688**	**0.1797**	**7.9300e-003**	**0.1876**		**1,246.2951**	**1,246.2951**	**0.0417**		**1,247.3379**

3.6 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9765	9.5221	12.1940	0.0189		0.4877	0.4877		0.4504	0.4504		1,805.1297	1,805.1297	0.5672		1,819.3091

Paving	0.1554					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1319**	**9.5221**	**12.1940**	**0.0189**		**0.4877**	**0.4877**		**0.4504**	**0.4504**		**1,805.1297**	**1,805.1297**	**0.5672**		**1,819.3091**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0676	0.0344	0.4980	1.5300e-003	0.1643	9.9000e-004	0.1653	0.0436	9.1000e-004	0.0445		152.1738	152.1738	3.2400e-003		152.2548
Total	**0.0676**	**0.0344**	**0.4980**	**1.5300e-003**	**0.1643**	**9.9000e-004**	**0.1653**	**0.0436**	**9.1000e-004**	**0.0445**		**152.1738**	**152.1738**	**3.2400e-003**		**152.2548**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9765	9.5221	12.1940	0.0189		0.4877	0.4877		0.4504	0.4504	0.0000	1,805.1297	1,805.1297	0.5672		1,819.3091
Paving	0.1554					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1319**	**9.5221**	**12.1940**	**0.0189**		**0.4877**	**0.4877**		**0.4504**	**0.4504**	**0.0000**	**1,805.1297**	**1,805.1297**	**0.5672**		**1,819.3091**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0676	0.0344	0.4980	1.5300e-003	0.1557	9.9000e-004	0.1567	0.0415	9.1000e-004	0.0424		152.1738	152.1738	3.2400e-003		152.2548
Total	**0.0676**	**0.0344**	**0.4980**	**1.5300e-003**	**0.1557**	**9.9000e-004**	**0.1567**	**0.0415**	**9.1000e-004**	**0.0424**		**152.1738**	**152.1738**	**3.2400e-003**		**152.2548**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.3890					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**0.5935**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day											lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0439	0.0224	0.3237	9.9000e-004	0.1068	6.5000e-004	0.1074	0.0283	5.9000e-004	0.0289		98.9130	98.9130	2.1100e-003		98.9656
Total	**0.0439**	**0.0224**	**0.3237**	**9.9000e-004**	**0.1068**	**6.5000e-004**	**0.1074**	**0.0283**	**5.9000e-004**	**0.0289**		**98.9130**	**98.9130**	**2.1100e-003**		**98.9656**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.3890					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**0.5935**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0439	0.0224	0.3237	9.9000e-004	0.1012	6.5000e-004	0.1019	0.0270	5.9000e-004	0.0276		98.9130	98.9130	2.1100e-003		98.9656
Total	**0.0439**	**0.0224**	**0.3237**	**9.9000e-004**	**0.1012**	**6.5000e-004**	**0.1019**	**0.0270**	**5.9000e-004**	**0.0276**		**98.9130**	**98.9130**	**2.1100e-003**		**98.9656**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0657	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Unmitigated	0.0657	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0116					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0540					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Total	**0.0657**	**0.0000**	**3.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**		**8.2000e-004**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0116					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0540					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Total	**0.0657**	**0.0000**	**3.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**		**8.2000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Roseville Roundabout - Placer-Sacramento County, Winter

Roseville Roundabout

Placer-Sacramento County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.50	Acre	3.50	152,460.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2022
Utility Company	Roseville Electric				
CO2 Intensity (lb/MWhr)	793.8	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - anticipated construction schedule

Grading -

Demolition -

Construction Off-road Equipment Mitigation - dust control measures

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6

tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	18.00	109.00
tblConstructionPhase	NumDays	18.00	59.00
tblConstructionPhase	PhaseEndDate	2/23/2022	6/30/2022
tblConstructionPhase	PhaseEndDate	1/28/2022	3/28/2022
tblTripsAndVMT	HaulingTripNumber	0.00	554.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	3.9511	42.3905	22.5790	0.0860	18.2141	2.0454	20.2595	9.9699	1.8818	11.8516	0.0000	8,768.9871	8,768.9871	1.1950	0.0000	8,797.3432
2022	1.9906	18.3269	18.3102	0.0383	0.6951	0.8177	1.5128	0.1882	0.7694	0.9576	0.0000	3,721.3236	3,721.3236	0.6569	0.0000	3,737.7457
Maximum	**3.9511**	**42.3905**	**22.5790**	**0.0860**	**18.2141**	**2.0454**	**20.2595**	**9.9699**	**1.8818**	**11.8516**	**0.0000**	**8,768.9871**	**8,768.9871**	**1.1950**	**0.0000**	**8,797.3432**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	3.9511	42.3905	22.5790	0.0860	7.8635	2.0454	9.9089	4.2827	1.8818	6.1644	0.0000	8,768.9871	8,768.9871	1.1950	0.0000	8,797.3432

2022	1.9906	18.3269	18.3102	0.0383	0.6604	0.8177	1.4781	0.1797	0.7694	0.9491	0.0000	3,721.3236	3,721.3236	0.6569	0.0000	3,737.7457
Maximum	**3.9511**	**42.3905**	**22.5790**	**0.0860**	**7.8635**	**2.0454**	**9.9089**	**4.2827**	**1.8818**	**6.1644**	**0.0000**	**8,768.9871**	**8,768.9871**	**1.1950**	**0.0000**	**8,797.3432**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**54.92**	**0.00**	**47.70**	**56.07**	**0.00**	**44.47**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0657	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0657**	**0.0000**	**3.6000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**	**0.0000**	**8.2000e-004**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0657	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004

Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0657**	**0.0000**	**3.6000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**	**0.0000**	**8.2000e-004**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/28/2021	5	20	
2	Site Preparation	Site Preparation	1/29/2021	2/4/2021	5	5	
3	Grading	Grading	2/5/2021	2/16/2021	5	8	
4	Building Construction	Building Construction	2/17/2021	1/4/2022	5	230	
5	Paving	Paving	1/5/2022	3/28/2022	5	59	
6	Architectural Coating	Architectural Coating	1/29/2022	6/30/2022	5	109	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 3.5

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,148

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73

Demolition	Excavators	3	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Grading	Excavators	1	8.00	158	0.38
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	6.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	2	6.00	132	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	64.00	25.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	283.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	554.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.0614	0.0000	3.0614	0.4635	0.0000	0.4635			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.0614**	**1.5513**	**4.6127**	**0.4635**	**1.4411**	**1.9046**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1095	3.5999	0.6541	0.0113	0.2475	0.0119	0.2595	0.0679	0.0114	0.0793		1,183.4059	1,183.4059	0.0415		1,184.4427
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0525	0.0360	0.3599	1.0600e-003	0.1232	7.6000e-004	0.1240	0.0327	7.0000e-004	0.0334		105.4783	105.4783	2.4500e-003		105.5395

Total	**0.1620**	**3.6359**	**1.0140**	**0.0124**	**0.3707**	**0.0127**	**0.3834**	**0.1005**	**0.0121**	**0.1127**		**1,288.8843**	**1,288.8843**	**0.0439**		**1,289.9822**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.3087	0.0000	1.3087	0.1982	0.0000	0.1982			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**1.3087**	**1.5513**	**2.8601**	**0.1982**	**1.4411**	**1.6392**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1095	3.5999	0.6541	0.0113	0.2363	0.0119	0.2482	0.0651	0.0114	0.0765		1,183.4059	1,183.4059	0.0415		1,184.4427
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0525	0.0360	0.3599	1.0600e-003	0.1168	7.6000e-004	0.1176	0.0311	7.0000e-004	0.0318		105.4783	105.4783	2.4500e-003		105.5395
Total	**0.1620**	**3.6359**	**1.0140**	**0.0124**	**0.3531**	**0.0127**	**0.3658**	**0.0962**	**0.0121**	**0.1083**		**1,288.8843**	**1,288.8843**	**0.0439**		**1,289.9822**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0629	0.0431	0.4319	1.2700e-003	0.1479	9.1000e-004	0.1488	0.0392	8.4000e-004	0.0401		126.5740	126.5740	2.9400e-003		126.6474
Total	**0.0629**	**0.0431**	**0.4319**	**1.2700e-003**	**0.1479**	**9.1000e-004**	**0.1488**	**0.0392**	**8.4000e-004**	**0.0401**		**126.5740**	**126.5740**	**2.9400e-003**		**126.6474**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Fugitive Dust					7.7233	0.0000	7.7233	4.2454	0.0000	4.2454			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**7.7233**	**2.0445**	**9.7678**	**4.2454**	**1.8809**	**6.1263**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0629	0.0431	0.4319	1.2700e-003	0.1402	9.1000e-004	0.1411	0.0373	8.4000e-004	0.0382		126.5740	126.5740	2.9400e-003		126.6474
Total	**0.0629**	**0.0431**	**0.4319**	**1.2700e-003**	**0.1402**	**9.1000e-004**	**0.1411**	**0.0373**	**8.4000e-004**	**0.0382**		**126.5740**	**126.5740**	**2.9400e-003**		**126.6474**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**6.5523**	**1.1599**	**7.7123**	**3.3675**	**1.0671**	**4.4346**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5359	17.6179	3.2012	0.0553	1.2114	0.0584	1.2698	0.3321	0.0559	0.3880		5,791.5803	5,791.5803	0.2030		5,796.6542
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0525	0.0360	0.3599	1.0600e-003	0.1232	7.6000e-004	0.1240	0.0327	7.0000e-004	0.0334		105.4783	105.4783	2.4500e-003		105.5395
Total	**0.5883**	**17.6538**	**3.5611**	**0.0563**	**1.3346**	**0.0592**	**1.3938**	**0.3648**	**0.0566**	**0.4214**		**5,897.0586**	**5,897.0586**	**0.2054**		**5,902.1937**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8011	0.0000	2.8011	1.4396	0.0000	1.4396			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**2.8011**	**1.1599**	**3.9610**	**1.4396**	**1.0671**	**2.5067**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5359	17.6179	3.2012	0.0553	1.1564	0.0584	1.2149	0.3186	0.0559	0.3745		5,791.5803	5,791.5803	0.2030		5,796.6542
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0525	0.0360	0.3599	1.0600e-003	0.1168	7.6000e-004	0.1176	0.0311	7.0000e-004	0.0318		105.4783	105.4783	2.4500e-003		105.5395
Total	**0.5883**	**17.6538**	**3.5611**	**0.0563**	**1.2732**	**0.0592**	**1.3324**	**0.3497**	**0.0566**	**0.4063**		**5,897.0586**	**5,897.0586**	**0.2054**		**5,902.1937**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	0.0801	2.7135	0.5769	7.0700e-003	0.1693	6.4200e-003	0.1758	0.0488	6.1400e-003	0.0549		739.6535	739.6535	0.0376		740.5938
Worker	0.2238	0.1534	1.5355	4.5200e-003	0.5257	3.2500e-003	0.5290	0.1395	3.0000e-003	0.1425		450.0409	450.0409	0.0104		450.3019
Total	**0.3039**	**2.8669**	**2.1124**	**0.0116**	**0.6951**	**9.6700e-003**	**0.7048**	**0.1882**	**9.1400e-003**	**0.1973**		**1,189.6944**	**1,189.6944**	**0.0481**		**1,190.8957**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0801	2.7135	0.5769	7.0700e-003	0.1621	6.4200e-003	0.1685	0.0470	6.1400e-003	0.0531		739.6535	739.6535	0.0376		740.5938
Worker	0.2238	0.1534	1.5355	4.5200e-003	0.4983	3.2500e-003	0.5016	0.1327	3.0000e-003	0.1357		450.0409	450.0409	0.0104		450.3019
Total	**0.3039**	**2.8669**	**2.1124**	**0.0116**	**0.6604**	**9.6700e-003**	**0.6701**	**0.1797**	**9.1400e-003**	**0.1888**		**1,189.6944**	**1,189.6944**	**0.0481**		**1,190.8957**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0745	2.5733	0.5362	7.0100e-003	0.1693	5.5100e-003	0.1748	0.0488	5.2700e-003	0.0540		733.4228	733.4228	0.0356		734.3126
Worker	0.2098	0.1380	1.4106	4.3500e-003	0.5257	3.1800e-003	0.5289	0.1395	2.9300e-003	0.1424		433.5672	433.5672	9.3500e-003		433.8010
Total	**0.2843**	**2.7112**	**1.9468**	**0.0114**	**0.6951**	**8.6900e-003**	**0.7038**	**0.1882**	**8.2000e-003**	**0.1964**		**1,166.9900**	**1,166.9900**	**0.0449**		**1,168.1135**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0745	2.5733	0.5362	7.0100e-003	0.1621	5.5100e-003	0.1676	0.0470	5.2700e-003	0.0522		733.4228	733.4228	0.0356		734.3126
Worker	0.2098	0.1380	1.4106	4.3500e-003	0.4983	3.1800e-003	0.5015	0.1327	2.9300e-003	0.1357		433.5672	433.5672	9.3500e-003		433.8010
Total	**0.2843**	**2.7112**	**1.9468**	**0.0114**	**0.6604**	**8.6900e-003**	**0.6691**	**0.1797**	**8.2000e-003**	**0.1879**		**1,166.9900**	**1,166.9900**	**0.0449**		**1,168.1135**

3.6 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9765	9.5221	12.1940	0.0189		0.4877	0.4877		0.4504	0.4504		1,805.1297	1,805.1297	0.5672		1,819.3091

Paving	0.1554					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1319**	**9.5221**	**12.1940**	**0.0189**		**0.4877**	**0.4877**		**0.4504**	**0.4504**		**1,805.1297**	**1,805.1297**	**0.5672**		**1,819.3091**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0656	0.0431	0.4408	1.3600e-003	0.1643	9.9000e-004	0.1653	0.0436	9.1000e-004	0.0445		135.4897	135.4897	2.9200e-003		135.5628
Total	**0.0656**	**0.0431**	**0.4408**	**1.3600e-003**	**0.1643**	**9.9000e-004**	**0.1653**	**0.0436**	**9.1000e-004**	**0.0445**		**135.4897**	**135.4897**	**2.9200e-003**		**135.5628**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9765	9.5221	12.1940	0.0189		0.4877	0.4877		0.4504	0.4504	0.0000	1,805.1297	1,805.1297	0.5672		1,819.3091
Paving	0.1554					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1319**	**9.5221**	**12.1940**	**0.0189**		**0.4877**	**0.4877**		**0.4504**	**0.4504**	**0.0000**	**1,805.1297**	**1,805.1297**	**0.5672**		**1,819.3091**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0656	0.0431	0.4408	1.3600e-003	0.1557	9.9000e-004	0.1567	0.0415	9.1000e-004	0.0424		135.4897	135.4897	2.9200e-003		135.5628
Total	**0.0656**	**0.0431**	**0.4408**	**1.3600e-003**	**0.1557**	**9.9000e-004**	**0.1567**	**0.0415**	**9.1000e-004**	**0.0424**		**135.4897**	**135.4897**	**2.9200e-003**		**135.5628**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.3890					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**0.5935**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day											lb/day				
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0426	0.0280	0.2865	8.8000e-004	0.1068	6.5000e-004	0.1074	0.0283	5.9000e-004	0.0289		88.0683	88.0683	1.9000e-003		88.1158
Total	**0.0426**	**0.0280**	**0.2865**	**8.8000e-004**	**0.1068**	**6.5000e-004**	**0.1074**	**0.0283**	**5.9000e-004**	**0.0289**		**88.0683**	**88.0683**	**1.9000e-003**		**88.1158**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.3890					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**0.5935**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	0.0426	0.0280	0.2865	8.8000e-004	0.1012	6.5000e-004	0.1019	0.0270	5.9000e-004	0.0276		88.0683	88.0683	1.9000e-003		88.1158
Total	**0.0426**	**0.0280**	**0.2865**	**8.8000e-004**	**0.1012**	**6.5000e-004**	**0.1019**	**0.0270**	**5.9000e-004**	**0.0276**		**88.0683**	**88.0683**	**1.9000e-003**		**88.1158**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0657	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Unmitigated	0.0657	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0116					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0540					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Total	**0.0657**	**0.0000**	**3.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**		**8.2000e-004**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0116					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0540					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Total	**0.0657**	**0.0000**	**3.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**		**8.2000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Roseville Roundabout - Placer-Sacramento County, Annual

Roseville Roundabout

Placer-Sacramento County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.50	Acre	3.50	152,460.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2022
Utility Company	Roseville Electric				
CO2 Intensity (lb/MWhr)	793.8	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - anticipated construction schedule

Grading -

Demolition -

Construction Off-road Equipment Mitigation - dust control measures

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6

tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	18.00	109.00
tblConstructionPhase	NumDays	18.00	59.00
tblConstructionPhase	PhaseEndDate	2/23/2022	6/30/2022
tblConstructionPhase	PhaseEndDate	1/28/2022	3/28/2022
tblTripsAndVMT	HaulingTripNumber	0.00	554.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.3036	2.9360	2.4783	5.3800e-003	0.1869	0.1360	0.3229	0.0660	0.1275	0.1935	0.0000	476.4681	476.4681	0.0852	0.0000	478.5971
2022	0.0716	0.3785	0.5052	8.5000e-004	0.0109	0.0197	0.0306	2.9000e-003	0.0186	0.0215	0.0000	73.8040	73.8040	0.0169	0.0000	74.2253
Maximum	**0.3036**	**2.9360**	**2.4783**	**5.3800e-003**	**0.1869**	**0.1360**	**0.3229**	**0.0660**	**0.1275**	**0.1935**	**0.0000**	**476.4681**	**476.4681**	**0.0852**	**0.0000**	**478.5971**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.3036	2.9360	2.4783	5.3800e-003	0.1244	0.1360	0.2604	0.0404	0.1275	0.1679	0.0000	476.4677	476.4677	0.0852	0.0000	478.5967

2022	0.0716	0.3785	0.5052	8.5000e-004	0.0103	0.0197	0.0300	2.7600e-003	0.0186	0.0213	0.0000	73.8039	73.8039	0.0169	0.0000	74.2252
Maximum	**0.3036**	**2.9360**	**2.4783**	**5.3800e-003**	**0.1244**	**0.1360**	**0.2604**	**0.0404**	**0.1275**	**0.1679**	**0.0000**	**476.4677**	**476.4677**	**0.0852**	**0.0000**	**478.5967**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**31.91**	**0.00**	**17.86**	**37.34**	**0.00**	**11.97**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**1-1-2021**	**3-31-2021**	1.0349	1.0349
2	**4-1-2021**	**6-30-2021**	0.7298	0.7298
3	**7-1-2021**	**9-30-2021**	0.7379	0.7379
4	**10-1-2021**	**12-31-2021**	0.7394	0.7394
5	**1-1-2022**	**3-31-2022**	0.3940	0.3940
6	**4-1-2022**	**6-30-2022**	0.0672	0.0672
		Highest	1.0349	1.0349

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0120	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	**0.0120**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0120	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0120**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	1/28/2021	5	20	
2	Site Preparation	Site Preparation	1/29/2021	2/4/2021	5	5	
3	Grading	Grading	2/5/2021	2/16/2021	5	8	
4	Building Construction	Building Construction	2/17/2021	1/4/2022	5	230	

5	Paving	Paving	1/5/2022	3/28/2022	5	59	
6	Architectural Coating	Architectural Coating	1/29/2022	6/30/2022	5	109	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 3.5

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,148

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Grading	Excavators	1	8.00	158	0.38
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	6.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	2	6.00	132	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	13.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	64.00	25.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	283.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	554.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0306	0.0000	0.0306	4.6400e-003	0.0000	4.6400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3144	0.2157	3.9000e-004		0.0155	0.0155		0.0144	0.0144	0.0000	34.0008	34.0008	9.5700e-003	0.0000	34.2400
Total	**0.0317**	**0.3144**	**0.2157**	**3.9000e-004**	**0.0306**	**0.0155**	**0.0461**	**4.6400e-003**	**0.0144**	**0.0191**	**0.0000**	**34.0008**	**34.0008**	**9.5700e-003**	**0.0000**	**34.2400**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0700e-003	0.0360	6.1100e-003	1.1000e-004	2.3800e-003	1.2000e-004	2.5000e-003	6.6000e-004	1.1000e-004	7.7000e-004	0.0000	10.8855	10.8855	3.5000e-004	0.0000	10.8943
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.3000e-004	3.5600e-003	1.0000e-005	1.1800e-003	1.0000e-005	1.1900e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	0.9809	0.9809	2.0000e-005	0.0000	0.9815
Total	**1.5500e-003**	**0.0364**	**9.6700e-003**	**1.2000e-004**	**3.5600e-003**	**1.3000e-004**	**3.6900e-003**	**9.7000e-004**	**1.2000e-004**	**1.0900e-003**	**0.0000**	**11.8664**	**11.8664**	**3.7000e-004**	**0.0000**	**11.8758**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0131	0.0000	0.0131	1.9800e-003	0.0000	1.9800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3144	0.2157	3.9000e-004		0.0155	0.0155		0.0144	0.0144	0.0000	34.0007	34.0007	9.5700e-003	0.0000	34.2400
Total	**0.0317**	**0.3144**	**0.2157**	**3.9000e-004**	**0.0131**	**0.0155**	**0.0286**	**1.9800e-003**	**0.0144**	**0.0164**	**0.0000**	**34.0007**	**34.0007**	**9.5700e-003**	**0.0000**	**34.2400**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0700e-003	0.0360	6.1100e-003	1.1000e-004	2.2700e-003	1.2000e-004	2.3900e-003	6.3000e-004	1.1000e-004	7.4000e-004	0.0000	10.8855	10.8855	3.5000e-004	0.0000	10.8943
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.3000e-004	3.5600e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1200e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.9809	0.9809	2.0000e-005	0.0000	0.9815
Total	**1.5500e-003**	**0.0364**	**9.6700e-003**	**1.2000e-004**	**3.3900e-003**	**1.3000e-004**	**3.5100e-003**	**9.3000e-004**	**1.2000e-004**	**1.0500e-003**	**0.0000**	**11.8664**	**11.8664**	**3.7000e-004**	**0.0000**	**11.8758**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0452	0.0000	0.0452	0.0248	0.0000	0.0248	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.7200e-003	0.1012	0.0529	1.0000e-004		5.1100e-003	5.1100e-003		4.7000e-003	4.7000e-003	0.0000	8.3589	8.3589	2.7000e-003	0.0000	8.4265
Total	**9.7200e-003**	**0.1012**	**0.0529**	**1.0000e-004**	**0.0452**	**5.1100e-003**	**0.0503**	**0.0248**	**4.7000e-003**	**0.0295**	**0.0000**	**8.3589**	**8.3589**	**2.7000e-003**	**0.0000**	**8.4265**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-004	1.0000e-004	1.0700e-003	0.0000	3.5000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.2943	0.2943	1.0000e-005	0.0000	0.2944
Total	**1.5000e-004**	**1.0000e-004**	**1.0700e-003**	**0.0000**	**3.5000e-004**	**0.0000**	**3.6000e-004**	**9.0000e-005**	**0.0000**	**1.0000e-004**	**0.0000**	**0.2943**	**0.2943**	**1.0000e-005**	**0.0000**	**0.2944**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0193	0.0000	0.0193	0.0106	0.0000	0.0106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.7200e-003	0.1012	0.0529	1.0000e-004		5.1100e-003	5.1100e-003		4.7000e-003	4.7000e-003	0.0000	8.3589	8.3589	2.7000e-003	0.0000	8.4265
Total	**9.7200e-003**	**0.1012**	**0.0529**	**1.0000e-004**	**0.0193**	**5.1100e-003**	**0.0244**	**0.0106**	**4.7000e-003**	**0.0153**	**0.0000**	**8.3589**	**8.3589**	**2.7000e-003**	**0.0000**	**8.4265**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5000e-004	1.0000e-004	1.0700e-003	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2943	0.2943	1.0000e-005	0.0000	0.2944
Total	**1.5000e-004**	**1.0000e-004**	**1.0700e-003**	**0.0000**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.2943**	**0.2943**	**1.0000e-005**	**0.0000**	**0.2944**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0262	0.0000	0.0262	0.0135	0.0000	0.0135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.1600e-003	0.0990	0.0634	1.2000e-004		4.6400e-003	4.6400e-003		4.2700e-003	4.2700e-003	0.0000	10.4215	10.4215	3.3700e-003	0.0000	10.5057
Total	**9.1600e-003**	**0.0990**	**0.0634**	**1.2000e-004**	**0.0262**	**4.6400e-003**	**0.0309**	**0.0135**	**4.2700e-003**	**0.0177**	**0.0000**	**10.4215**	**10.4215**	**3.3700e-003**	**0.0000**	**10.5057**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.1000e-003	0.0706	0.0120	2.2000e-004	4.6600e-003	2.3000e-004	4.8900e-003	1.2800e-003	2.2000e-004	1.5000e-003	0.0000	21.3095	21.3095	6.9000e-004	0.0000	21.3267
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	1.3000e-004	1.4200e-003	0.0000	4.7000e-004	0.0000	4.7000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3924	0.3924	1.0000e-005	0.0000	0.3926
Total	**2.2900e-003**	**0.0707**	**0.0134**	**2.2000e-004**	**5.1300e-003**	**2.3000e-004**	**5.3600e-003**	**1.4100e-003**	**2.2000e-004**	**1.6300e-003**	**0.0000**	**21.7018**	**21.7018**	**7.0000e-004**	**0.0000**	**21.7193**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0112	0.0000	0.0112	5.7600e-003	0.0000	5.7600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.1600e-003	0.0990	0.0634	1.2000e-004		4.6400e-003	4.6400e-003		4.2700e-003	4.2700e-003	0.0000	10.4215	10.4215	3.3700e-003	0.0000	10.5057
Total	**9.1600e-003**	**0.0990**	**0.0634**	**1.2000e-004**	**0.0112**	**4.6400e-003**	**0.0158**	**5.7600e-003**	**4.2700e-003**	**0.0100**	**0.0000**	**10.4215**	**10.4215**	**3.3700e-003**	**0.0000**	**10.5057**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.1000e-003	0.0706	0.0120	2.2000e-004	4.4500e-003	2.3000e-004	4.6800e-003	1.2300e-003	2.2000e-004	1.4500e-003	0.0000	21.3095	21.3095	6.9000e-004	0.0000	21.3267
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	1.3000e-004	1.4200e-003	0.0000	4.5000e-004	0.0000	4.5000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3924	0.3924	1.0000e-005	0.0000	0.3926
Total	**2.2900e-003**	**0.0707**	**0.0134**	**2.2000e-004**	**4.9000e-003**	**2.3000e-004**	**5.1300e-003**	**1.3500e-003**	**2.2000e-004**	**1.5700e-003**	**0.0000**	**21.7018**	**21.7018**	**7.0000e-004**	**0.0000**	**21.7193**

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2167	1.9873	1.8896	3.0700e-003		0.1093	0.1093		0.1028	0.1028	0.0000	264.0665	264.0665	0.0637	0.0000	265.6592

Total	**0.2167**	**1.9873**	**1.8896**	**3.0700e-003**		**0.1093**	**0.1093**		**0.1028**	**0.1028**	**0.0000**	**264.0665**	**264.0665**	**0.0637**	**0.0000**	**265.6592**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.7900e-003	0.3111	0.0594	8.2000e-004	0.0186	7.1000e-004	0.0193	5.3900e-003	6.8000e-004	6.0700e-003	0.0000	78.0461	78.0461	3.6400e-003	0.0000	78.1370
Worker	0.0235	0.0158	0.1732	5.3000e-004	0.0573	3.7000e-004	0.0577	0.0153	3.4000e-004	0.0156	0.0000	47.7117	47.7117	1.0900e-003	0.0000	47.7390
Total	**0.0323**	**0.3270**	**0.2326**	**1.3500e-003**	**0.0759**	**1.0800e-003**	**0.0770**	**0.0206**	**1.0200e-003**	**0.0217**	**0.0000**	**125.7578**	**125.7578**	**4.7300e-003**	**0.0000**	**125.8760**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2167	1.9873	1.8896	3.0700e-003		0.1093	0.1093		0.1028	0.1028	0.0000	264.0662	264.0662	0.0637	0.0000	265.6589
Total	**0.2167**	**1.9873**	**1.8896**	**3.0700e-003**		**0.1093**	**0.1093**		**0.1028**	**0.1028**	**0.0000**	**264.0662**	**264.0662**	**0.0637**	**0.0000**	**265.6589**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.7900e-003	0.3111	0.0594	8.2000e-004	0.0178	7.1000e-004	0.0185	5.1900e-003	6.8000e-004	5.8700e-003	0.0000	78.0461	78.0461	3.6400e-003	0.0000	78.1370
Worker	0.0235	0.0158	0.1732	5.3000e-004	0.0543	3.7000e-004	0.0547	0.0145	3.4000e-004	0.0149	0.0000	47.7117	47.7117	1.0900e-003	0.0000	47.7390
Total	**0.0323**	**0.3270**	**0.2326**	**1.3500e-003**	**0.0722**	**1.0800e-003**	**0.0732**	**0.0197**	**1.0200e-003**	**0.0207**	**0.0000**	**125.7578**	**125.7578**	**4.7300e-003**	**0.0000**	**125.8760**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7100e-003	0.0156	0.0164	3.0000e-005		8.1000e-004	8.1000e-004		7.6000e-004	7.6000e-004	0.0000	2.3173	2.3173	5.6000e-004	0.0000	2.3311
Total	**1.7100e-003**	**0.0156**	**0.0164**	**3.0000e-005**		**8.1000e-004**	**8.1000e-004**		**7.6000e-004**	**7.6000e-004**	**0.0000**	**2.3173**	**2.3173**	**5.6000e-004**	**0.0000**	**2.3311**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	2.5900e-003	4.8000e-004	1.0000e-005	1.6000e-004	1.0000e-005	1.7000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.6790	0.6790	3.0000e-005	0.0000	0.6797
Worker	1.9000e-004	1.2000e-004	1.4000e-003	0.0000	5.0000e-004	0.0000	5.1000e-004	1.3000e-004	0.0000	1.4000e-004	0.0000	0.4032	0.4032	1.0000e-005	0.0000	0.4034
Total	**2.6000e-004**	**2.7100e-003**	**1.8800e-003**	**1.0000e-005**	**6.6000e-004**	**1.0000e-005**	**6.8000e-004**	**1.8000e-004**	**1.0000e-005**	**1.9000e-004**	**0.0000**	**1.0822**	**1.0822**	**4.0000e-005**	**0.0000**	**1.0832**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7100e-003	0.0156	0.0164	3.0000e-005		8.1000e-004	8.1000e-004		7.6000e-004	7.6000e-004	0.0000	2.3173	2.3173	5.6000e-004	0.0000	2.3311
Total	**1.7100e-003**	**0.0156**	**0.0164**	**3.0000e-005**		**8.1000e-004**	**8.1000e-004**		**7.6000e-004**	**7.6000e-004**	**0.0000**	**2.3173**	**2.3173**	**5.6000e-004**	**0.0000**	**2.3311**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	2.5900e-003	4.8000e-004	1.0000e-005	1.6000e-004	1.0000e-005	1.6000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.6790	0.6790	3.0000e-005	0.0000	0.6797

Worker	1.9000e-004	1.2000e-004	1.4000e-003	0.0000	4.8000e-004	0.0000	4.8000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4032	0.4032	1.0000e-005	0.0000	0.4034
Total	**2.6000e-004**	**2.7100e-003**	**1.8800e-003**	**1.0000e-005**	**6.4000e-004**	**1.0000e-005**	**6.4000e-004**	**1.8000e-004**	**1.0000e-005**	**1.8000e-004**	**0.0000**	**1.0822**	**1.0822**	**4.0000e-005**	**0.0000**	**1.0832**

3.6 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0288	0.2809	0.3597	5.6000e-004		0.0144	0.0144		0.0133	0.0133	0.0000	48.3088	48.3088	0.0152	0.0000	48.6883
Paving	4.5800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0334**	**0.2809**	**0.3597**	**5.6000e-004**		**0.0144**	**0.0144**		**0.0133**	**0.0133**	**0.0000**	**48.3088**	**48.3088**	**0.0152**	**0.0000**	**48.6883**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7800e-003	1.1500e-003	0.0129	4.0000e-005	4.6300e-003	3.0000e-005	4.6600e-003	1.2300e-003	3.0000e-005	1.2600e-003	0.0000	3.7170	3.7170	8.0000e-005	0.0000	3.7190
Total	**1.7800e-003**	**1.1500e-003**	**0.0129**	**4.0000e-005**	**4.6300e-003**	**3.0000e-005**	**4.6600e-003**	**1.2300e-003**	**3.0000e-005**	**1.2600e-003**	**0.0000**	**3.7170**	**3.7170**	**8.0000e-005**	**0.0000**	**3.7190**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0288	0.2809	0.3597	5.6000e-004		0.0144	0.0144		0.0133	0.0133	0.0000	48.3087	48.3087	0.0152	0.0000	48.6882
Paving	4.5800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0334**	**0.2809**	**0.3597**	**5.6000e-004**		**0.0144**	**0.0144**		**0.0133**	**0.0133**	**0.0000**	**48.3087**	**48.3087**	**0.0152**	**0.0000**	**48.6882**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7800e-003	1.1500e-003	0.0129	4.0000e-005	4.3900e-003	3.0000e-005	4.4200e-003	1.1700e-003	3.0000e-005	1.2000e-003	0.0000	3.7170	3.7170	8.0000e-005	0.0000	3.7190
Total	**1.7800e-003**	**1.1500e-003**	**0.0129**	**4.0000e-005**	**4.3900e-003**	**3.0000e-005**	**4.4200e-003**	**1.1700e-003**	**3.0000e-005**	**1.2000e-003**	**0.0000**	**3.7170**	**3.7170**	**8.0000e-005**	**0.0000**	**3.7190**

3.7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Archit. Coating	0.0212					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0768	0.0988	1.6000e-004		4.4500e-003	4.4500e-003		4.4500e-003	4.4500e-003	0.0000	13.9152	13.9152	9.1000e-004	0.0000	13.9379
Total	**0.0324**	**0.0768**	**0.0988**	**1.6000e-004**		**4.4500e-003**	**4.4500e-003**		**4.4500e-003**	**4.4500e-003**	**0.0000**	**13.9152**	**13.9152**	**9.1000e-004**	**0.0000**	**13.9379**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1400e-003	1.3800e-003	0.0155	5.0000e-005	5.5600e-003	4.0000e-005	5.6000e-003	1.4800e-003	3.0000e-005	1.5100e-003	0.0000	4.4635	4.4635	1.0000e-004	0.0000	4.4659
Total	**2.1400e-003**	**1.3800e-003**	**0.0155**	**5.0000e-005**	**5.5600e-003**	**4.0000e-005**	**5.6000e-003**	**1.4800e-003**	**3.0000e-005**	**1.5100e-003**	**0.0000**	**4.4635**	**4.4635**	**1.0000e-004**	**0.0000**	**4.4659**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0212					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0768	0.0988	1.6000e-004		4.4500e-003	4.4500e-003		4.4500e-003	4.4500e-003	0.0000	13.9152	13.9152	9.1000e-004	0.0000	13.9379

Total	**0.0324**	**0.0768**	**0.0988**	**1.6000e-004**		**4.4500e-003**	**4.4500e-003**		**4.4500e-003**	**4.4500e-003**	**0.0000**	**13.9152**	**13.9152**	**9.1000e-004**	**0.0000**	**13.9379**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1400e-003	1.3800e-003	0.0155	5.0000e-005	5.2800e-003	4.0000e-005	5.3100e-003	1.4100e-003	3.0000e-005	1.4400e-003	0.0000	4.4635	4.4635	1.0000e-004	0.0000	4.4659
Total	**2.1400e-003**	**1.3800e-003**	**0.0155**	**5.0000e-005**	**5.2800e-003**	**4.0000e-005**	**5.3100e-003**	**1.4100e-003**	**3.0000e-005**	**1.4400e-003**	**0.0000**	**4.4635**	**4.4635**	**1.0000e-004**	**0.0000**	**4.4659**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0120	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Unmitigated	0.0120	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.1200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.8600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Total	**0.0120**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.1200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Consumer Products	9.8600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Total	**0.0120**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Appendix B

Biological Resources Reports

[Graphic]

Natural Environment Study

Washington Boulevard at All America City Boulevard Roundabout Project

City of Roseville, Placer County, California

California Department of Transportation
District 3

September 2020

10.13.2014 version, with minor updates on 11.2.2018

Natural Environment Study

STATE OF CALIFORNIA
Department of Transportation
and City of Roseville

Prepared by:

Keith Kwan Senior Biologist
(916) 782-9100
ECORP Consulting, Inc.
2525 Warren Drive Rocklin,
California 95677

Recommended for Approval By:

NAME
PHONE
California Department of Transportation, District 3
TITLE
OFFICE

Approved:

NAME
PHONE
California Department of Transportation, District 3
TITLE
OFFICE

This page is used for documents that are not prepared by Caltrans. This page must also include a paragraph telling the public how to obtain the document in alternative formats. Determine the special formats the document should be available in and list them in this section. You'll also to provide your district's California Relay Service TTY number (http://www.dot.ca.gov/tty.htm) and include the following: "or use California Relay Service 1 (800) 735-2929 (TTY), 1 (800) 735-2929 (Voice) or 711."

Summary

The City of Roseville (City) proposes to construct a multi-lane roundabout at the Washington Boulevard and All America City Boulevard/Lincoln Street (Street) intersection (Project). The Project would improve the intersection's safety, increase accessibility for bicyclists and pedestrians, improve corridor aesthetics, and reduce vehicle emissions.

For the purposes of this Natural Environment Study (NES), the biological study area (project limits) encompasses ±6.55 acres. (BSA). The BSA includes the existing roadways and ruderal grasslands with some roadside ditches. The land within the BSA is primarily existing rights-of-way, but includes small areas of privately-owned parcels at the southwest and southeast corners.

Potential Waters of the United States (U.S.) were delineated on March 21, 2019. A total of 0.114-ac of roadside ditch (potential Waters of the U.S.) were mapped within the BSA. While verification by the U.S. Army Corps of Engineers (USACE) is pending, a segment of the same ditch immediately north of the project (associated with the Washington Boulevard/Andora Bridge Improvement project (SPK-2018-00108) was verified by the USACE as being non-jurisdictional. The ditch is anticipated to be permanently or temporarily impacted by the proposed project. Given that the USACE has determined that the ditch is not a Water of the U.S., no compensatory mitigation is required. Temporarily impacted portions of the ditch will be reseeded with a Caltrans-approved native seed mixture.

A Clean Water Act (CWA), Section 404 nationwide permit (NWP 14 for Linear Transportation Projects) from the USACE will not be required due to the absence of Waters of the U.S. However, the City will need to obtain a Waste Discharge Requirement Order from the Regional Water Quality Control Board (RWQCB) – Central Valley Region for impacts to the ditch. The City will also notify the California Department of Fish and Wildlife (CDFW) of the project to determine if a Streambed Alteration Agreement (Fish and Game Code, Section 1602 – Administered by CDFW) will be required. This project will comply with all permit conditions; Best Management Practices (BMPs) will be implemented to minimize sedimentation and erosion.

The potential for spread of invasive species within the BSA will be managed to the greatest extent possible. These species and associated mitigation measures to manage these species are presented in Chapter 4.

Some native and ornamental trees may be removed to implement the project. Removal of native trees will be mitigated pursuant to City of Roseville Municipal Code/Title 19 Zoning/Chapter 19.66-Tree Preservation Ordinance.

Preconstruction nesting bird surveys will be conducted prior to initiation of construction activities or removal of trees if construction occurs during the nesting season (February 1 to August 31).

Table of Contents

Chapter 1 Introduction 1
1.1 Project History 1
1.2 Project Description 1
1.2.1 Project Location 1
1.2.2 Build Alternative (PROJECT) 1
1.2.3 No Build Alternative 3
Chapter 2 Study Methods 5
2.1 Regulatory Requirements 5
2.1.1 Federal Regulations 5
2.1.2 State or Local Regulations 7
2.2 Studies Required 9
2.2.1 Literature Research 9
2.2.2 Field Reviews 9
2.2.3 Methods Used to Define the Biological Study Area 9
2.2.4 Survey Methods 9
2.3 Personnel and Survey Dates 10
2.4 Agency Coordination and Professional Contacts 10
2.5 Limitations That May Influence Results 10
Chapter 3 Results: Environmental Setting 13
3.1 Description of the Existing Biological and Physical Conditions 13
3.1.1 Study Area 13
3.1.2 Physical Conditions in the Biological Study Area 13
3.1.3 Biological Conditions in the Biological Study Area 13
3.2 Regional Species and Habitats and Natural Communities of Concern 16
Chapter 4 Results: Biological Resources, Discussion of Impacts and Mitigation 25
4.1 Habitats and Natural Communities of Special Concern 25
4.1.1 Discussion of Wetlands and Waters of the U.S. 25
4.1.2 Discussion of Native Oak Trees 26
4.2 Special Status Animal Species Occurrences 27
4.2.1 Discussion of Nesting Migratory Birds and Birds of Prey 27
Chapter 5 Conclusions and Regulatory Determinations 29
5.1 Federal Endangered Species Act Consultation Summary 29
5.2 California Endangered Species Act Consultation Summary 29
5.3 Wetlands and Waters of the U.S. Coordination Summary 29
5.4 California Fish and Game Code (Administered by the CDFW) – Section 1602 – Streambed Alteration Agreement 29
5.5 Migratory Bird Treaty Act 29
5.6 Rare Plants 29
5.7 Native Oak Trees 29
5.8 Invasive Species 30
Chapter 6 References 31

List of Tables

Table 1. Invasive Plant Species Located Within the BSA[1] 15
Table 2. Potentially Occurring Special-Status Species 16
Table 3. Aquatic Resources 25

List of Figures

Figure 1. Project Location and Vicinity 2
Figure 2. Preliminary Site Plan 4
Figure 3. Aquatic Resources Delineation 11
Figure 4. Natural Resources Conservation Service Soil Types 14

List of Appendices

Appendix A – USFWS Species List
Appendix B – CNDDB Inventory Results
Appendix C – CNPS Inventory Results
Appendix D – Approved Jurisdictional Determination-Washington Boulevard/Andora Bridge Improvement Project
Appendix E – Representative Photos

List of Acronyms and Abbreviations

AMM	Avoidance and Minimization Measure
BMPs	Best management practices
BSA	Biological Study Area
Caltrans	California Department of Transportation
CDFW	California Department of Fish and Wildlife
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CIPI	California Invasive Plant Inventory
City	City of Roseville
CNDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CRPR	California Rare Plant Rank
CWA	Clean Water Act
dbh	Diameter at breast height
FESA	Federal Endangered Species Act
HUC	Hydrologic Unit Code
MBTA	Migratory Bird Treaty Act
NAIP	National Agriculture Imagery Program
NES	Natural Environment Study
NOAA	National Oceanic and Atmospheric Administration
NPPA	Native Plant Protection Act
NRCS	Natural Resources Conservation Service
NWP	Nationwide permit
Project	Washington Boulevard at All America City Boulevard Roundabout Project
RWQCB	Regional Water Quality Control Board
SWPPP	Storm Water Pollution Prevention Plan
U.S.	United States
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
USFWS	Fish and Wildlife Service
USGS	U.S. Geological Survey

Chapter 1 Introduction

This Natural Environment Study (NES) has been prepared for the Washington Boulevard at All America City Boulevard Roundabout Project (Project), in the City of Roseville, Placer County, California. (Figure 1. *Project Location and Vicinity*). The City of Roseville (City), in cooperation with the designated non-federal National Environmental Policy Act lead agency, California Department of Transportation (Caltrans), proposes to construct a multi-lane roundabout at the Washington Boulevard/All America City Boulevard/Lincoln Street intersection.

1.1 Project History

Washington Boulevard is an arterial roadway (originally part of Old Highway 65) that extends from Central Roseville to the northern City limit and is one of the main connections to the City's Historic and Downtown regions. The City has secured Congestion Mitigation and Air Quality Improvement Program funding for construction and is planning to construct the project in 2020. The proposed project is needed to improve the intersection's safety, increase accessibility for bicyclists and pedestrians, improve corridor aesthetics, and reduce vehicle emissions.

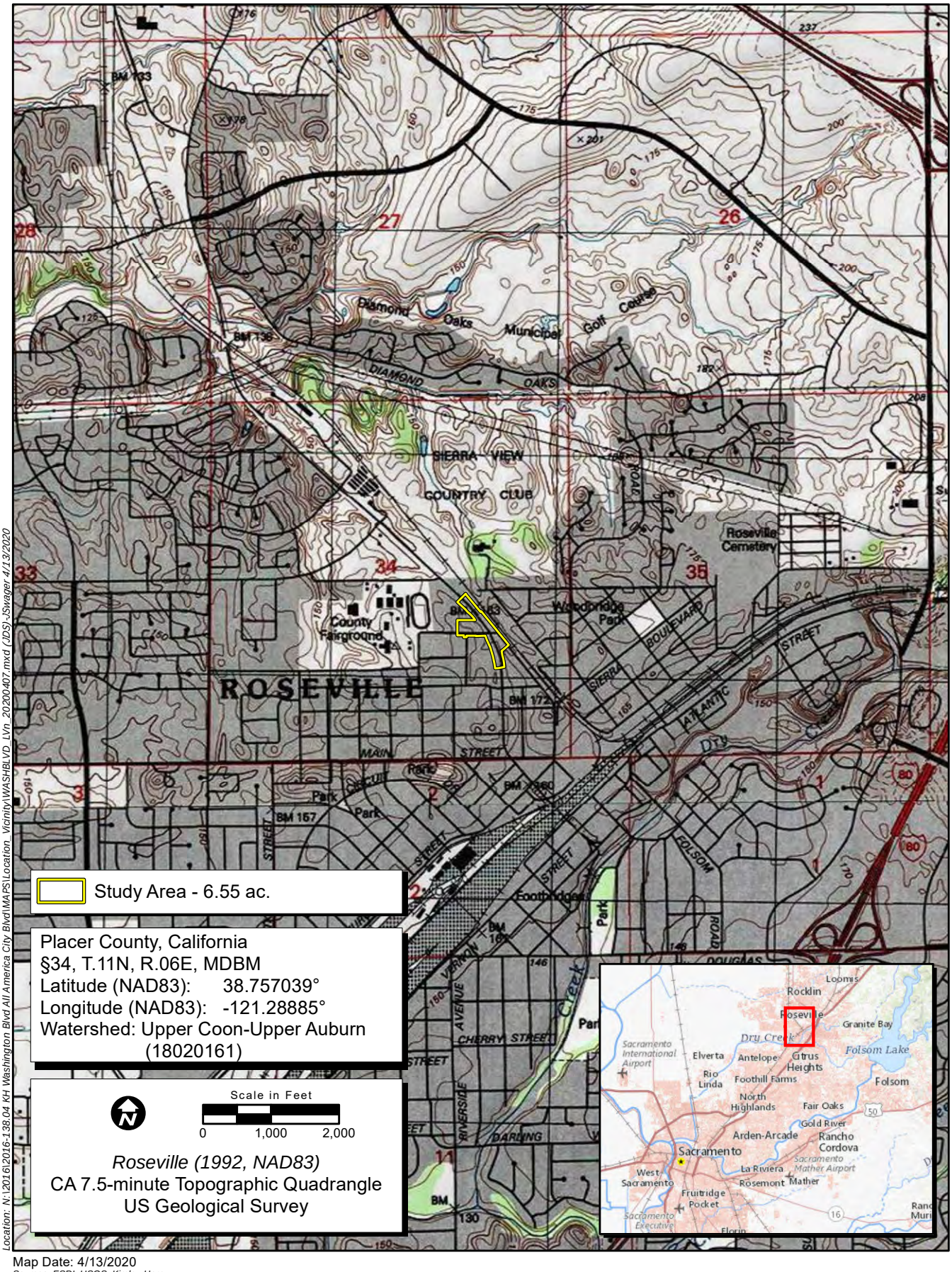
1.2 Project Description

1.2.1 Project Location

The City is proposing construction of a multi-lane roundabout at the Washington Boulevard/All America City Boulevard/Lincoln Street intersection in the City of Roseville, Placer County, California. The Project is located at the intersection of Washington Boulevard and All American City Boulevard (Figure 1). The Study Area corresponds to a portion of Section 34, Township 11 North, and Range 06 East (Mount Diablo Base and Meridian) of the "Roseville, California" 7.5-minute quadrangle (U.S. Geological Survey [USGS] 1992). The approximate center of the Study Area is located at 38.757039° latitude and -121.28885° longitude within the Upper Coon-Upper Auburn Watershed (Hydrologic Unit Code [HUC] #18020161, Natural Resources Conservation Service [NRCS], et al. 2016).

1.2.2 Build Alternative (PROJECT)

The current intersection geometrics include Washington Boulevard (a five-lane arterial) intersected by collector roadways: All America City Boulevard (a three-lane collector) on the west and Lincoln Street, (a two-lane collector) on the east side of the intersection (Figure 1). Washington Boulevard supports existing northbound and southbound Class 2 bike lanes as well as sidewalks on the west side of Washington Boulevard. No pedestrian faculties are currently provided along the east side of the roadway.



Location: N:\2016\2016-138.04 KH Washington Blvd All America City Blvd\MAPS\Location_Vicinity\WASHBLVD_LVn_20200407.mxd (JDS)-JSwager 4/13/2020

Map Date: 4/13/2020
Sources: ESRI, USGS, Kimley-Horn

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Figure 1. Project Location and Vicinity

2016-138.04 Washington Blvd All America City Blvd

The planned improvements would install a roundabout at the intersection, maintaining the multi-lane configuration for the Washington Boulevard northbound and southbound directions (Figure 2. *Preliminary Site Plan).* The two intersecting collector streets, All America City Boulevard and Lincoln Street, would have a single entry and departure lane from the roundabout. The roundabout would largely occur within the area of the existing intersection and would require minor expansion of the right-of-way on the northeast and southeast corners of the intersection. The roundabout would include curved entry and exit lanes delineated by raised medians designed to calm traffic and to facilitate through-traffic as well as transitions between the roadways. The roundabout would facilitate traffic movement and function more efficiently than the existing stop controls, which would reduce vehicle emissions. The proposed project would include crosswalks to improve intersection safety and accessibility for bicyclists and pedestrians. The center of the roundabout would include urban design features to improve corridor aesthetics.

The project also includes temporarily relocating and/or replacing existing utilities and acquisition of private lands at the southwest and southeast corners of the site.

1.2.3 No Build Alternative

The No Build Alternative would result in no improvements to the existing intersection and its safety and air quality ratings. As regional traffic volumes increase, the risk of conflicts between vehicles, pedestrians, and bicyclist would increase and air quality concerns would worsen.



Location: N:\2016\2016-138.04 KH Washington Blvd All America City Blvd\MAPS\Site_Plan\WASHBLVD_SitePlan_20200407.mxd (JDS)-Swager 4/13/2020

Map Date: 4/13/2020

Sources: ESRI, City of Roseville (2019). Kimley Horn

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Figure 2. Preliminary Site Plan

2016-138.04 Washington Blvd All America City Blvd

Chapter 2 Study Methods

2.1 Regulatory Requirements

2.1.1 Federal Regulations

2.1.1.1 Federal Endangered Species Act

The Federal Endangered Species Act (FESA) protects plants and animals that are listed as endangered or threatened by the United States Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service. Section 9 of FESA prohibits the take of endangered wildlife, where take is defined as "harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, collect, or attempt to engage in such conduct" (50 Code of Federal Regulations [CFR] 17.3). For plants, this statute governs removing, possessing, maliciously damaging, or destroying any endangered plant on federal land and removing, cutting, digging-up, damaging, or destroying any endangered plant on non-federal land in knowing violation of state law (16 U.S. Code 1538). Under Section 7 of FESA, federal agencies are required to consult with the USFWS if their actions, including permit approvals or funding, could adversely affect a listed (or proposed) species (including plants) or its critical habitat. Through consultation and the issuance of a biological opinion, the USFWS may issue an incidental take statement allowing take of the species that is incidental to an otherwise authorized activity provided the activity will not jeopardize the continued existence of the species. Section 10 of FESA provides for issuance of incidental take permits where no other federal actions are necessary provided a habitat conservation plan is developed.

2.1.1.2 Federal Clean Water Act

The purpose of the federal Clean Water Act (CWA) is to "restore and maintain the chemical, physical, and biological integrity of the nation's waters." Section 404 of the CWA prohibits the discharge of dredged or fill material into "Waters of the United States" without a permit from the U.S. Army Corps of Engineers (USACE). The definition of Waters of the U.S. includes rivers, streams, estuaries, the territorial seas, ponds, lakes, and wetlands. Wetlands are defined as those areas "that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions" (33 CFR 328.3 7b). The U.S. Environmental Protection Agency (USEPA) also has authority over wetlands and may override a USACE permit.

Substantial impacts to wetlands may require an individual permit. Projects that only minimally affect wetlands may meet the conditions of one of the existing Nationwide Permits (NWPs). A Water Quality Certification or waiver pursuant to Section 401 of the CWA is required for Section 404 permit actions; this certification or waiver is issued by the Regional Water Quality Control Board (RWQCB).

The following guidance is from the U.S. Environmental Protection Agency (USEPA) website:

"On April 21, 2020, the U.S. Environmental Protection Agency (EPA) and the Department of the Army (Army) published the Navigable Waters Protection Rule to define "Waters of the United States" in the Federal Register. For the first time, the agencies are streamlining the definition so that it includes four simple categories of jurisdictional waters, provides clear exclusions for many water features that traditionally have not been regulated, and defines terms in the regulatory text that have never been defined before. Congress, in the Clean Water Act, explicitly directed the

Agencies to protect "navigable waters." The Navigable Waters Protection Rule regulates traditional navigable waters and the core tributary systems that provide perennial or intermittent flow into them. Read the final Navigable Waters Protection Rule."

Under the final "Step 2" rule, four clear categories of waters are federally regulated:

- The territorial seas and traditional navigable waters,
- perennial and intermittent tributaries to those waters,
- certain lakes, ponds, and impoundments, and
- wetlands adjacent to jurisdictional waters.

The final rule also details 12 categories of exclusions, features that are not Waters of the United States, such as features that only contain water in direct response to rainfall (e.g., ephemeral features), groundwater, many ditches, prior converted cropland, and waste treatment systems.

The final rule clarifies key elements related to the scope of federal CWA jurisdiction, including:

- providing clarity and consistency by removing the proposed separate categories for jurisdictional ditches and impoundments;
- refining the proposed definition of "typical year," which provides important regional and temporal flexibility and ensures jurisdiction is being accurately determined in times that are not too wet and not too dry; and
- defining "adjacent wetlands" as wetlands that are meaningfully connected to other jurisdictional waters, for example, by directly abutting or having regular surface water communication with jurisdictional waters.

The Navigable Waters Protection Rule is the second step in a two-step process to review and revise the definition of Waters of the United States consistent with the February 2017 Presidential Executive Order entitled, "Restoring the Rule of Law, Federalism, and Economic Growth by Reviewing the 'Waters of the United States.'" This final rule became effective on June 22, 2020, and replaced the Step One Rule published in October 2019.

2.1.1.3 Protection of Wetlands (Executive Order 11990)

Executive Order 11990 established a national policy to avoid adverse impacts on wetlands whenever there is a practicable alternative. On federally funded projects, impacts on wetlands must be identified. Alternatives that avoid wetlands must be considered. If wetland impacts cannot be avoided, all practicable measures to minimize harm must be included.

This information must be documented in a specific Wetlands Only Practicable Alternative Finding and early public involvement in projects affecting wetlands is required. The Federal Highway Administration provides technical assistance (Technical Advisory 6640.8A) and reviews environmental documents for compliance.

2.1.1.4 Invasive Species (Executive Order 13112)

Executive Order 13112 mandates that federal agencies whose actions may affect the status of invasive species to "not authorize, fund, or carry out actions that it believes are likely to cause or promote the introduction or spread of invasive species." Under Executive Order 13112, an invasive species is defined as a nonnative species whose introduction does, or is likely to cause, economic or environmental harm, or harm human health.

2.1.1.5 Migratory Bird Treaty Act

The Migratory Bird Treaty Act (MBTA) implements international treaties between the U.S. and other nations devised to protect migratory birds, any of their parts, eggs, and nests from activities such as hunting, pursuing, capturing, killing, selling, and shipping, unless expressly authorized in the regulations or by permit. As authorized by the MBTA, the USFWS issues permits to qualified applicants for the following types of activities: falconry, raptor propagation, scientific collecting, special purposes (rehabilitation, education, migratory game bird propagation, and salvage), take of depredating birds, taxidermy, and waterfowl sale and disposal. The regulations governing migratory bird permits can be found in 50 CFR part 13 General Permit Procedures and 50 CFR part 21 Migratory Bird Permits. The State of California has incorporated the protection of birds of prey in Sections 3800, 3513, and 3503.5 of the California Fish and Game Code.

2.1.2 State or Local Regulations

2.1.2.1 California Endangered Species Act

The California Endangered Species Act (CESA) generally parallels the main provisions of the FESA, but unlike its federal counterpart, CESA applies the take prohibitions to species proposed for listing (called "candidates" by the state). Section 2080 of the California Fish and Game Code prohibits the taking, possession, purchase, sale, and import or export of endangered, threatened, or candidate species, unless otherwise authorized by permit or in the regulations. Take is defined in Section 86 of the California Fish and Game Code as "hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill." CESA allows for take incidental to otherwise lawful development projects. State lead agencies are required to consult with the California Department of Fish and Wildlife (CDFW) to ensure that any action they undertake is not likely to jeopardize the continued existence of any endangered or threatened species or result in destruction or adverse modification of essential habitat.

2.1.2.2 Fully Protected Species

The State of California first began to designate species as "Fully Protected" prior to the creation of CESA and FESA. Lists of fully protected species were initially developed to provide protection to those animals that were rare or faced possible extinction, and included fish, mammals, amphibians and reptiles, birds and mammals. Most fully protected species have since been listed as threatened or endangered under CESA and/or FESA. The regulations that implement the Fully Protected Species Statute (California Fish and Game Code § 4700 applies to fully protected mammals, § 3511 applies to birds, § 5050 applies the reptiles and amphibians, and § 5515 applies to fish species) 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, except for necessary scientific research.

2.1.2.3 Native Plant Protection Act

The Native Plant Protection Act (NPPA) of 1977 (California Fish and Game Code §§ 1900-1913) was created with the intent to "preserve, protect and enhance rare and endangered native plants in this State." The NPPA is administered by CDFW. The Fish and Game Commission has the authority to designate native plants as "endangered" or "rare" and to protect endangered and rare plants from take. The CESA of 1984 (California Fish and Game Code § 2050-2116) provided further protection for rare and endangered plant species, but the NPPA remains part of the California Fish and Game Code (Administered by CDFW).

2.1.2.4 California Streambed Alteration Notification/Agreement

Section 1602 of the California Fish and Game Code requires that a Streambed Alteration Application be submitted to CDFW for "any activity that may substantially divert or obstruct the natural flow or substantially change the bed, channel, or bank of any river, stream, or lake." CDFW reviews the proposed actions and, if necessary, submits to the Applicant a proposal for measures to protect affected fish and wildlife resources. The final proposal that is mutually agreed upon by CDFW and the Applicant is a Streambed Alteration Agreement.

2.1.2.5 Regional Water Quality Control Board

The RWQCB implements water quality regulations under the federal CWA and the Porter-Cologne Water Quality Act. These regulations require compliance with the National Pollutant Discharge Elimination System (NPDES), including compliance with the California Storm Water NPDES General Construction Permit for discharges of stormwater runoff associated with construction activities. General Construction Permits for projects that disturb one or more acres of land require development and implementation of a Storm Water Pollution Prevention Plan. Under the Porter-Cologne Water Quality Act, the RWQCB regulates actions that would involve "discharging waste, or proposing to discharge waste, with any region that could affect the water of the state" (Water Code 13260(a)). Waters of the State are defined as "any surface water or groundwater, including saline waters, within the boundaries of the state" (Water Code 13050 (e)); the State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State, adopted in 2019, further defines wetlands that are Waters of the State. The RWQCB regulates all such activities, as well as dredging, filling, or discharging materials into Waters of the State, including those not regulated by USACE due to a lack of connectivity with a navigable water body. The RWQCB may require issuance of Waste Discharge Requirements for these activities as described in the State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State.

2.1.2.6 City of Roseville Municipal Code/Title 19 Zoning/Chapter 19.66-Tree Preservation

Chapter 19.66 of the City of Roseville Municipal Code regulates activites that affect native oak (*Quercus* sp.) greater than six inches in diameter at breast height (dbh). The City will require a tree permit application for tree removal and mitigation on an inch-per-inch replacement ratio at a City-approved site or through payment of an in-lieu fee.

2.2 Studies Required

2.2.1 Literature Research

Prior to conducting field surveys, a list of special-status plants and wildlife known to occur in the vicinity of the biological study area (BSA) or in similar environments elsewhere in the region was acquired. A detailed description of the BSA is presented in Section 3.1.1. A list of potentially occurring special-status species was created for the BSA based on the following sources:

- The USFWS official species list for the Washington Boulevard/All American City Boulevard Roundabout Project (USFWS 2019, Appendix A);
- CDFW California Natural Diversity Database (CNDDB) record search for the "Roseville, CA" 7.5-minute quadrangle and all surrounding USGS topographic 7.5-minute topographic quadrangles within a five-mile radius of the BSA including "Citrus Heights," "Rio Linda," "Gold Hill," "Rocklin," "Folsom," "Lincoln," "Sheridan," "Pleasant Grove" (CDFW 2019, Appendix B).
- California Native Plant Society's (CNPS') Inventory of Rare and Endangered Plants record search of the "Roseville, California" 7.5-minute USGS topographic quadrangle and the eight surrounding quadrangles (CNPS 2019, Appendix C).

2.2.2 Field Reviews

As of the preparation of this document, Caltrans has not conducted any field site visits. The City has not yet formally requested a field review of the BSA.

2.2.3 Methods Used to Define the Biological Study Area

The limits of the BSA include all areas that could potentially be impacted by the project, which were determined from the project design plan. A detailed description of the BSA is presented in Section 3.1.1.

2.2.4 Survey Methods

2.2.4.1 Special-Status Species Assessment

A biological field survey was conducted on March 21, 2019, to assess special-status species and their habitat within the BSA. The assessment consisted of systematically walking through the entire BSA and inspecting all habitats for presence of special-status species with potential to occur there. Notes on habitats and their location within the BSA were recorded and examined for the presence of any special-status species. The hydrological and aquatic resources, soils, natural vegetation communities, dominant plant and common animal species, potential migration and movement corridors, and invasive species were all noted and described.

2.2.4.2 Waters of the U.S.

A wetland delineation was conducted by ECORP biologist Keith Kwan March 21, 2019. The wetland delineation was conducted in accordance with the *Corps of Engineers Wetlands Delineation Manual* (Environmental Laboratory 1987) and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region,*

Version 2.0 (USACE 2010), and the USACE's Sacramento District's *Minimum Standards for Acceptance of Aquatic Resources Delineation Reports* (USACE 2016). The boundaries of potential Waters of the U.S. were delineated through aerial photograph interpretation and standard field methods (i.e., paired data set analyses), and all wetland data were recorded on Wetland Determination Data Forms. Potential Waters of the U.S., including wetlands, were mapped in the field using a global positioning system unit capable of submeter accuracy (e.g., Trimble GeoXT) and/or georectified aerial photography. A color aerial photograph (1"=100' scale, National Agriculture Imagery Program [NAIP] 2009) was used to assist with mapping and field verification. *Munsell Soil Color Charts* (Kollmorgen Instruments Company 1990) and the *Web Soil Survey* (NRCS 2019) were used to aid in identifying hydric soils in the field. *The Jepson Manual: Vascular Plants of California, Second Edition* (Baldwin et al. 2012) was used for plant nomenclature and identification. The potential Waters of the U.S. discussed in this report have not been verified by the USACE and represent a calculated estimation of the jurisdictional area within the BSA and are subject to modification following the USACE verification process.

While verification by the U.S. Army Corps of Engineers (USACE) is pending, a segment of the same ditch immediately north of the project (associated with the Washington Boulevard/Andora Bridge Improvement project- SPK-2018-00108) was verified by the USACE as being non-jurisdictional (Appendix D). An aquatic resources delineation map illustrating the potential Waters of the U.S. within the BSA is presented in Figure 3. *Aquatic Resources Delineation*.

2.2.4.3 Vegetation Community Mapping

The entire BSA consists of developed areas and ruderal grasslands. Therefore, no vegetation community mapping was required.

2.3 Personnel and Survey Dates

The special-status species habitat assessmentand wetland delineation were conducted on March 21, 2019 by ECORP biologist Keith Kwan. A plant survey was conducted by Principal Biologist Peter Balfour on June 12, 2019. The entire BSA was walked and surveyed.

2.4 Agency Coordination and Professional Contacts

No agency coordination or contact has been initiated for this project.

2.5 Limitations That May Influence Results

No limitations or constraints were identified that could have influenced the results.



Map Features

- Study Area - 6.55 ac.
- Culvert
- Reference Coordinate (NAD83)

Three-criteria Sample Points

- Upland Point
- Waters Point

Aquatic Resources - 0.114 ac. [1] *

Waters

- Ditch - 0.114 ac.

Photo Source: City of Roseville, 2019
Boundary and Topo Source: Kimley-Horn
Delineator(s): K. Kwan
Coordinate System: NAD 1983 StatePlane California II FIPS 0402 Feet

[1] Subject to U.S. Army Corps of Engineers verification. This exhibit depicts information and data produced in accord with the wetland delineation methods described in the 1987 Corps of Engineers Wetland Delineation Manual and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region Version 2.0 as well as the Updated Map and Drawing Standards for the South Pacific Division Regulatory Program as amended on February 10, 2016, and conforms to Sacramento District specifications. However, feature boundaries have not been legally surveyed and may be subject to minor adjustments if more accurate locations are required.
** The acreage value for each feature has been rounded to the nearest 1/1000 decimal. Summation of these values may not equal the total potential Waters of the U.S. acreage reported.*



ECORP- N:\2016\2016-138.04 KH Washington Blvd All America City Blvd\MAPS\Jurisdictional_Delineation\WASHBLVD_ARD_20200407.mxd (JDS) JSwager 4/13/2020

Map Date: 4/13/2020

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Scale in Feet
0 100

Figure 3. Aquatic Resources Delineation

2016-138.04 Washington Blvd All America City Blvd

Chapter 3 Results: Environmental Setting

3.1 Description of the Existing Biological and Physical Conditions

3.1.1 Study Area

The BSA is in the Sacramento Valley Subregion of the Great Central Valley floristic region of California as defined in *The Jepson Manual: Vascular Plants of California, Second Edition* (Baldwin et al. 2012). The ±6.55-acre BSA includes aquatic and upland habitat types including ditches and ruderal/disturbed areas including major roadways (Figure 3). The BSA is east of the County Fairgrounds, south of the Sierra View Country Club, and west of Union Pacific Railroad.

3.1.2 Physical Conditions in the Biological Study Area

3.1.2.1 Topography

The BSA is flat, occurring at a topographic elevation of less than 160 feet above mean sea level (Figure 1).

3.1.2.2 Soils

According to the Web Soil Survey (NRCS 2019a), one soil unit, or type, has been mapped within the Study Area, (142) Cometa-Ramona sandy loams, 1 to 5 percent slopes (Figure 4. *Natural Resources Conservation Service Soil Types*). This soil unit contains hydric inclusions (Alamo in depressions and Xerofluvents in drainageways) (NRCS 2019b).

3.1.2.3 Climate

The mean temperatures range from a winter low of 46.2˚F (minimum of 37.1˚F) in December to a summer high of 78.9˚F (maximum of 96.3˚F) in July for Marysville, California (approximately 20 miles north of the Study Area) (National Oceanic and Atmospheric Administration [NOAA] 2002). Average annual precipitation is approximately 22.07 inches (NOAA 2002).

3.1.2.4 Hydrology

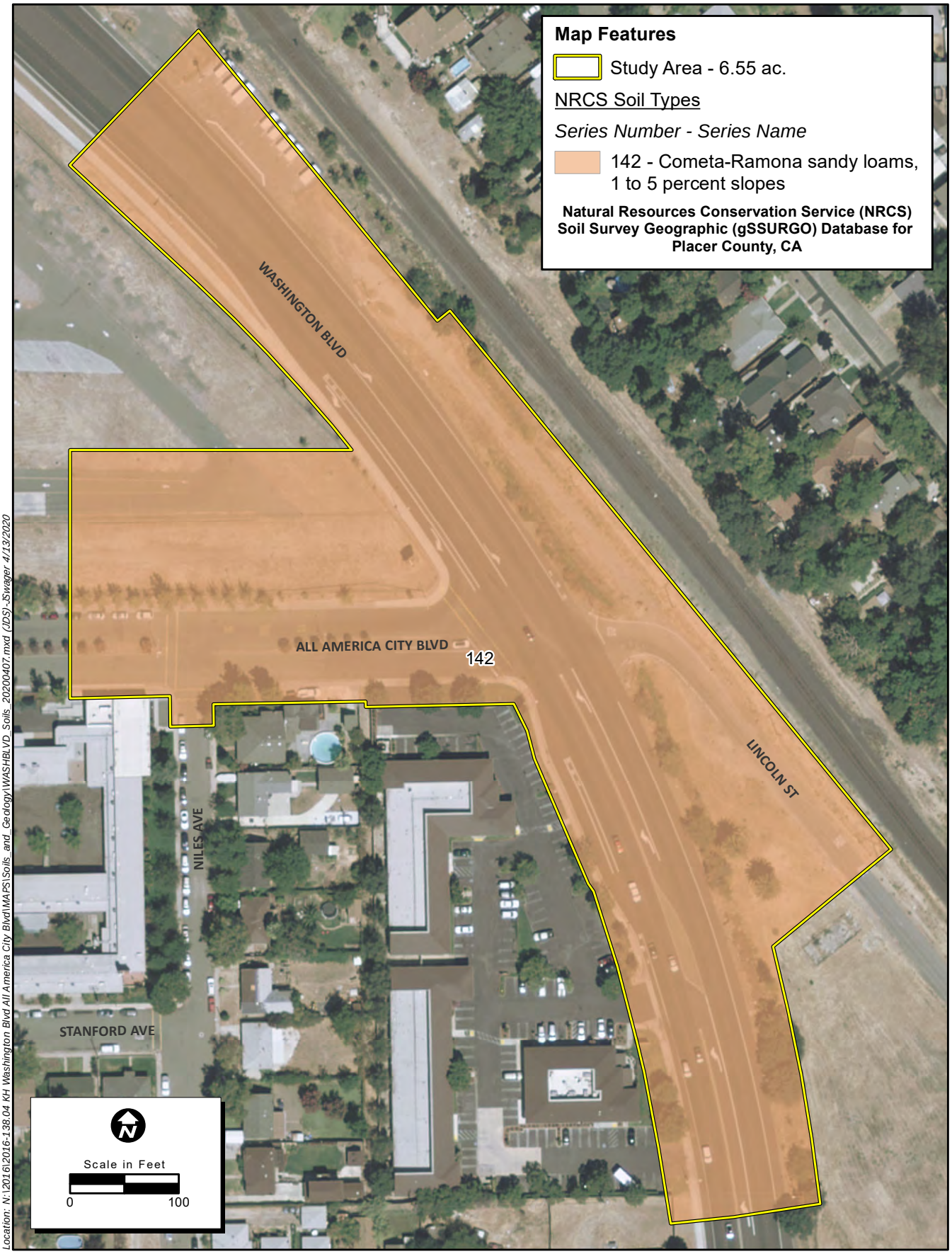
The BSA is located in the Upper Coon-Upper Auburn Watershed (HUC #18020161) (NRCS et al. 2016). There was no indication of flow within the onsite ditches during the aquatic resources delineation survey. Locally, it appears the BSA drains into Kaseberg Creek less than a mile to the north.

3.1.3 Biological Conditions in the Biological Study Area

The ±6.55-acre BSA includes aquatic and upland habitat types as described below.

3.1.3.1 Ditches

Three segments of a roadside ditch encompassing 0.114 acre are present in the ruderal area between Washington Boulevard, Lincoln Street, and the Union Pacific Railroad tracks. The ditch was vegetated in small patches but primarily unvegetated. During the field survey (March 21, 2019), there were anywhere from a few inches up to two feet of standing water in the ditch, but there was no flow.



Location: N:\2016\2016-138.04 KH Washington Blvd All America City Blvd\MAPS\Soils_and_Geology\WASHBLVD_Soils_20200407.mxd (JDS) -KSwager 4/13/2020

Map Date: 4/13/2020
Sources: ESRI, City of Roseville (2019). Kimley Horn

Figure 4. Natural Resources Conservation Service Soil Types

2016-138.04 Washington Blvd All America City Blvd

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

3.1.3.2 Ruderal/Disturbed Lands

Approximately 6.55-acres of paved area and ruderal/disturbed habitat occurs within the BSA. The BSA west of Washington Boulevard includes improved sidewalks, curbs, and gutters with maintained lawns and landscaping. The roadsides east of Washington Boulevard are unimproved and include ruderal grassland and a roadside ditch between Washington Boulevard, Lincoln Street, and the Union Pacific Railroad tracks. The ruderal grassland vegetation community is dominated by weedy nonnative grasses and forbs such as Italian ryegrass (*Festuca perennis*), soft chess (*Bromus hordeaceus*), wild oats (*Avena fatua*), cut-leaved geranium (*Geranium dissectum*), and filaree (*Erodium botrys*). Trees are scattered within the ditch and ruderal grassland, and include native species, blue oaks (*Quercus douglasii*) and black willow (*Salix gooddingii*), and a variety of nonnative species including palm (*Phoenix* spp.) and plum (*Prunus* spp.) trees.

3.1.3.3 Wildlife Migration and Movement Corridors/Areas

The surrounding density of homes and proximity of roadways and Union Pacific Railroad tracks precludes this area from serving as a movement corridor.

3.1.3.4 Aquatic Resources

Approximately 0.114-acre of ditches occurs within the BSA. The ditches are 80 percent open water and vegetated at the margins with umbrella sedge (*Cyperus eragrostis*), cattail (*Typha* spp.), and curly dock (*Rumex crispus*).

3.1.3.5 Invasive Species

Several invasive plant species, identified by the California Invasive Plant Council as being a serious problem in California, already occur within the BSA. These species are identified on the California Invasive Plant Inventory (CIPI) (https://www.cal-ipc.org/plants/inventory/). The CIPI uses evaluation criteria including ecological impact, invasive potential, and distribution to assign plants to an overall inventory category of high, moderate, or limited. Invasive species rated medium or higher located within the BSA are presented in Table 1.

Table 1. Invasive Plant Species Located Within the BSA[1]

Scientific Name	Common Name	CIPI List[2]
Avena fatua	Wild oats	Moderate
Bromus diandrus	Ripgut brome	Moderate
Festuca perennis	Italian ryegrass	Moderate

3.1.3.6 Common Wildlife Species

The only wildlife observed during the site survey included mallard (*Anas platyrhynchos*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), and mourning dove (*Zenaida macroura*). Other species of wildlife may opportunitistically use the pooled water in the ditches in the BSA, including other species of passerines and waterfowl, black-tailed deer (*Odocoileus hemionus*), coyote (*Canis latrans*), raccoon (*Procyon lotor*) and an assortment of rodents.

3.2 Regional Species and Habitats and Natural Communities of Concern

A list of potentially occurring special-status species was compiled for the BSA using the methods described in Section 2.2.4.1 (Table 2). Table 2 provides a habitat description, bloom period, and suitability of habitat in the BSA for each species. Each plant species that has the potential to occur within the BSA is further discussed in Chapter 4.

Table 2. Potentially Occurring Special-Status Species

Common Name (Scientific Name)	Status			Habitat Description	Survey Period	Potential to Occur in the BSA
	FESA	CESA/ NPPA	Other			
Plants						
Big-scale balsamroot *(Balsamorhiza macrolepis* var. *macrolepis)*	-	-	1B.2	Chaparral, cismontane woodland, and valley and foothill grassland, sometimes on serpentinite soils (148'–5,102').	March–June	Absent. The disturbed grassland onsite is not habitat for this species.
Hispid Bird's–beak *(Chloropyron molle* ssp. *hispidum)*	–	–	1B.1	Alkaline soils in meadows and seeps, playas, and valley and foothill grasslands (3'–509').	June–September	Absent. No suitable habitat present onsite.
Brandegee's clarkia *(Clarkia biloba* ssp. *brandegeeae)*	–	–	4.2	Chaparral, cismontane woodlands, and lower montane coniferous forest often along roadcuts (246'–3,002').	May–July	Absent. No suitable habitat present onsite.
Dwarf downingia *(Downingia pusilla)*	–	–	2B.2	Mesic areas in valley and foothill grassland, and vernal pools. Species appears to have an affinity for slight disturbance (i.e., scraped depressions, ditches, etc.) (Baldwin et al. 2012) (3'–1,460').	March–May	Absent. The drainage ditches onsite are not suitable habitat for this species.
Stinkbells *(Fritillaria agrestis)*	–	–	4.2	Clay and sometimes serpentinite soils in chaparral, cismontane woodland, Pinyon and juniper woodland, and valley and foothill grassland (33'–5,102').	March–June	Absent. No suitable habitat present onsite.
Boggs Lake hedge–hyssop *(Gratiola heterosepala)*	–	CE	1B.2	Marshes, swamps, lake margins, and vernal pools (33'–7,792').	April–August	Absent. No suitable habitat present onsite.
Ahart's dwarf rush *(Juncus leiospermus* var. *ahartii)*	–	–	1B.2	Mesic areas in valley and foothill grassland. Species has an affinity for slight disturbance such as farmed fields (USFWS 2005) (98'–751').	March–May	Absent. The drainage ditches onsite are not suitable habitat for this species.

Table 2. Potentially Occurring Special-Status Species

Common Name (Scientific Name)	Status			Habitat Description	Survey Period	Potential to Occur in the BSA
	FESA	CESA/ NPPA	Other			
Red Bluff dwarf rush *(Juncus leiospermus* var. *leiospermus)*	–	–	1B.1	Vernally mesic areas in chaparral, cismontane woodland, meadows and seeps, valley and foothill grassland, and vernal pools (115'–4,101').	March–June	Absent. The drainage ditches onsite are not suitable habitat for this species.
Legenere *(Legenere limosa)*	–	–	1B.1	Various seasonally inundated areas including wetlands, wetland swales, marshes, vernal pools, artificial ponds, and floodplains of intermittent drainages (USFWS 2005) (3'–2,887').	April–June	Absent. No suitable habitat present onsite.
Pincushion navarretia *(Navarretia myersii* ssp. *myersii)*	–	–	1B.1	Often acidic soils in vernal pools (66'–1,083').	April–May	Absent. No suitable habitat present onsite.
Sacramento Orcutt grass *(Orcuttia viscida)*	FE	CE	1B.1	Vernal pools (98'–328').	April–July	Absent. No suitable habitat present onsite.
Sanford's arrowhead *(Sagittaria sanfordii)*	–	–	1B.2	Shallow marshes and freshwater swamps (0'–2,133').	May–October	Absent. A focused survey conducted in June 2019 did not identify this species.
Invertebrates						
Conservancy fairy shrimp (*Branchinecta conservatio)*	FE	-	-	Vernal pools/wetlands.	Habitat Absent	The roadside ditch does not support suitable habitat for this species. This species is not likely to occur.
Vernal pool fairy shrimp (*Branchinecta lynchi*)	FT	-	-	Vernal pools/wetlands.	Habitat Absent	The roadside ditch does not support suitable habitat for this species. This species is not likely to occur.
Vernal pool tadpole shrimp (*Lepidurus packardi*)	FE	-	-	Vernal pools/wetlands.	Habitat Absent	The roadside ditch does not support suitable habitat for this species. This species is not likely to occur.

Table 2. Potentially Occurring Special-Status Species

Common Name (Scientific Name)	Status			Habitat Description	Survey Period	Potential to Occur in the BSA
	FESA	CESA/ NPPA	Other			
Valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*)	FT	-	-	Elderberry shrubs.	Habitat Absent	
Fish						
Delta smelt (*Hypomesus transpacificus*)	FT	CE	-	Sacramento-San Joaquin Delta.	Habitat Absent	The roadside ditch does not provide suitable habitat for this species. This species is not likely to occur.
Steelhead (CA Central Valley DPS) (*Oncorhynchus mykiss*)	FT	-	-	Undammed rivers, streams, creeks.	Habitat Absent	The roadside ditch does not provide suitable habitat for this species. This species is not likely to occur.
Amphibians						
California red-legged frog (*Rana draytonii*)	FT	-	SSC	Lowlands or foothills at waters with dense shrubby or emergent riparian vegetation. Adults must have aestivation habitat to endure summer dry down.	Habitat Absent	There is not suitable habitat for this species. This species does not occur in the region. This species is not likely to occur.
Western spadefoot (*Spea hammondii*)	-	-	SSC	California endemic species of vernal pools, swales, wetlands and adjacent grasslands throughout the Central Valley.	Habitat Absent	There is no suitable aquatic rearing or upland aestivation habitat for this species. This species is not likely to occur.
Reptiles						
Giant garter snake (*Thamnophis gigas*)	FT	CT	-	Freshwater ditches, sloughs, and marshes in the Central Valley. Almost extirpated from the southern parts of its range.	Habitat Absent	The roadside ditch does not provide suitable aquatic habitat for this species. This species is not likely to occur.

Table 2. Potentially Occurring Special-Status Species

Common Name (Scientific Name)	Status			Habitat Description	Survey Period	Potential to Occur in the BSA
	FESA	CESA/ NPPA	Other			
Northwestern pond turtle (*Actinemys marmorata*)	-	-	SSC	Requires basking sites and upland habitats up to 0.5 km from water for egg laying. Uses ponds, streams, detention basins, and irrigation ditches.	Habitat Absent	The roadside ditch does not provide suitable aquatic habitat for this species. This species is not likely to occur.
Birds						
Yellow-billed cuckoo (*Coccyzus americanus*)	FT	CE	BCC	Nests in dense riparian scrub/woodland.	Habitat Absent	The roadside ditch does not provide suitable breeding habitat for this species. This species is not likely to occur.
Rufous hummingbird *(Selasphorus rufus)*	-	-	BCC	Nesting habitat includes secondary succession communities and openings, mature forests, parks and residential area.	Habitat Absent	This species does not nest in the region. This species is not likely to occur.
California black rail (*Laterallus jamaicensis coturniculus*)	-	CT	BCC, CFP	Salt marsh, shallow freshwater marsh, wet meadows, and flooded grassy vegetation.	Habitat Absent	The roadside ditch does not provide suitable habitat for this species. This species is not likely to occur.
Willett (*Tringa semipalmata*)	-	-	BCC	Breeds locally in interior of western North America. In California, breeding range includes the Klamath Basin and Modoc Plateau and portions of Mono and possibly Inyo counties. Breeding habitat includes prairies, Breeds in wetlands and grasslands on semiarid plains; in uplands near brackish or saline wetlands; prefers temporary, seasonal, and alkali wetlands over semipermanent and permanent wetlands.	Habitat Absent	This species does not nest in the region; the Project does not support suitable nesting or wintering habitat for this species. This species is not likely to occur.

Table 2. Potentially Occurring Special-Status Species

Common Name (Scientific Name)	Status			Habitat Description	Survey Period	Potential to Occur in the BSA
	FESA	CESA/ NPPA	Other			
Double-crested cormorant *(Phalacrocorax auritus)*	-	-	CDFW WL	Nests near ponds, lakes, artificial impoundments, slow-moving rivers, lagoons, estuaries, and open coastlines and typically forages in shallow water. Non-nesters are found in many coastal and inland waters.	Habitat Absent	The Project does not support suitable nesting or wintering habitat for this species. This species is not likely to occur.
Great blue heron (*Ardea herodias*)	-	-	CNDDB*	Colonial nester; prefers to nest in vegetation on islands or in swamps but also found in upland habitats in trees, bushes, on the ground or on artificial structures. Foraging habitat is widely diverse and includes swamps, coastlines, estuaries, beaches, pastures, cultivated fields, and riparian areas.	Habitat Absent	The Project does not support suitable nesting habitat for this species. This species is not likely to occur.
Great egret *(Ardea alba)*	-	-	CNDDB	Colonial nester; nests in woody vegetation, shrubs and trees usually near lakes, ponds, marshes estuaries, human-made impoundments, or natural and human-made islands.	Habitat Absent	The Project does not support suitable nesting habitat for this species. This species is not likely to occur.
Osprey *(Pandion haliaetus)*	-	-	CDFW WL	Nesting habitat requires proximity to fish, open nest site free of mammalian predators, and extended ice-free season. They nest in large trees, snags, cliffs, transmission/ communication towers, artificial nest platforms, channel markers/buoys.	Habitat Absent	The Project does not support suitable nesting habitat for this species. This species is not likely to occur.
White-tailed kite (*Elanus leucurus*)	-	-	CFP	Nesting occurs within trees in low elevation grassland, agricultural, wetland, oak woodland, savannah, riparian, and urban habitats.	Habitat Present	Trees within and adjacent to the site represent potential nesting habitat for this species.
Cooper's hawk *(Accipiter cooperii)*	-	-	CDFW WL	Nests in trees in riparian woodlands in deciduous, mixed and evergreen forests, as well as urban landscapes	Habitat Present	Trees within and adjacent to the site represent potential nesting habitat for this species.

Table 2. Potentially Occurring Special-Status Species

Common Name (Scientific Name)	Status			Habitat Description	Survey Period	Potential to Occur in the BSA
	FESA	CESA/ NPPA	Other			
Swainson's hawk (*Buteo swainsoni*)	-	CT	BCC	Nesting occurs in trees in agricultural, riparian, oak woodland, scrub, and urban landscapes. Forages over grassland, agricultural lands, particularly during disking/ harvesting, irrigated pastures	Habitat Present	Larger trees adjacent to the site represent potential nesting habitat for this species.
Golden eagle (*Aquila chrysaetos*)	-	-	BACC, CFP	Nesting habitat includes mountainous canyon land, rimrock terrain of open desert and grasslands, riparian, oak woodland/savannah, and chaparral.	Habitat Absent	The Project does not support suitable nesting or foraging habitat for this species. This species is not likely to occur.
Burrowing owl *(Athene cunicularia)*	-	-	BCC, SSC	Nests in burrows or burrow surrogates in open, treeless, areas within grassland, steppe, and desert biomes.	Habitat Present	Potential burrow/nesting habitat may be present within and adjacent to the site.
Lewis' woodpecker (*Melanerpes lewis*)	-	-	BCC	Nesting habitat includes open ponderosa pine forest, open riparian woodland, logged/burned forest, and oak woodlands.	Habitat Absent	The Project does not support suitable nesting or wintering habitat for this species. This species is not likely to occur.
Nuttall's woodpecker *(Dryobates nuttallii)*	-	-	BCC	Nests in tree cavities in oak woodlands and riparian woodlands.	Habitat Absent	The Project does not support suitable nesting habitat for this species. This species is not likely to occur.
Merlin *(Falco columbarius)*	-	-	CDFW WL	Breeds near forest openings, fragmented woodlots, and riparian areas. Wintering habitat includes wide variety, open forests, grasslands, tidal flats, plains, and urban settings.	Habitat Absent	The Project does not support suitable wintering habitat for this species. This species is not likely to occur.
Yellow-billed magpie (*Pica nuttallii*)	-	-	BCC	Nesting habitat includes oak savannah with large in large expanses of open ground; also found in urban parklike settings.	Habitat Absent	The Project does not support suitable nesting habitat for this species. This species is not likely to occur.

Table 2. Potentially Occurring Special-Status Species

Common Name (Scientific Name)	Status			Habitat Description	Survey Period	Potential to Occur in the BSA
	FESA	CESA/ NPPA	Other			
Purple martin (*Progne subis*)	-	-	SSC	Nesting habitat includes montane forests, Pacific lowlands with dead snags; the isolated Sacramento population nests in weep holes under elevated highways/bridges.	Habitat Absent	The Project does not support suitable nesting habitat for this species. This species is not likely to occur.
Bank swallow (*Riparia riparia*)	-	CT	-	Nests colonially along coasts, rivers, streams, lakes, reservoirs, and wetlands in vertical banks, cliffs, and bluffs in alluvial, friable soils. May also nest in sand, gravel quarries and road cuts.	Habitat Absent	The Project does not support suitable nesting habitat for this species. This species is not likely to occur.
Oak titmouse (*Baeolophus inornatus*)			BCC	Nests in tree cavities within dry oak or oak-pine woodland and riparian; where oaks are absent, they nest in juniper woodland, open forests (gray, Jeffrey, Coulter, pinyon pines and Joshua tree).	Habitat Absent	The Project does not support suitable nesting habitat for this species. This species is not likely to occur.
San Clemente spotted towhee (*Pipilo maculatus clementae*)	-	-	BCC, SSC	Resident on Santa Catalina and Santa Rosa Islands; extirpated on San Clemente Island, California. Breeds in dense, broadleaf shrubby brush, thickets, and tangles in chaparral, oak woodland, island woodland, and Bishop pine forest.	Habitat Absent	This subspecies does not occur in this region.
Grasshopper sparrow (*Ammodramus savannarum*)	-	-	SSC	Nests in moderately open grasslands and prairies with patchy bare ground. Avoids grasslands with extensive shrub cover; more likely to occupy large tracts of habitat than small fragments; removal of grass cover by grazing often detrimental.	Habitat Absent	The Project does not support suitable nesting habitat for this species. This species is not likely to occur.
Song sparrow "Modesto" (*Melospiza melodia heermanni*)	-	-	BCC, SSC	Nests in marsh, scrub habitat	Habitat Absent	The Project does not support suitable nesting habitat for this species. This species is not likely to occur.

Table 2. Potentially Occurring Special-Status Species

Common Name (Scientific Name)	Status			Habitat Description	Survey Period	Potential to Occur in the BSA
	FESA	CESA/ NPPA	Other			
California thrasher (*Toxostoma redivivum*)	-	-	SSC	Nests are usually well hidden in dense shrubs, including scrub oak, California lilac, and chamise.	Habitat Absent	The Project does not support suitable nesting habitat for this species. This species is not likely to occur.
Tricolored blackbird (*Agelaius tricolor*)	-	CT	BCC, SSC	Nests colonially in freshwater marsh, blackberry bramble, milk thistle, triticale fields, weedy (mustard, mallow) fields, giant cane, safflower, stinging nettles, tamarisk, riparian scrublands and forests, fiddleneck and fava bean fields.	Habitat Absent	The Project does not support suitable nesting habitat for this species. This species is not likely to occur.
Saltmarsh common yellowthroat (*Geothlypis trichas sinuosa*)	-	-	BCC, SSC	Breeds in salt marshes of San Francisco Bay; winters San Francisco south along coast to San Diego County.	Habitat Absent	The Project does not support suitable nesting habitat for this species. This species is not likely to occur.
Mammals						
American badger *(Taxidea taxus)*	-	-	SSC	Drier open stages of most shrub, forest, and herbaceous habitats with friable soils.	Habitat Absent	There is no suitable habitat present for this species.
Pallid bat *(Antrozous pallidus)*	-	-	SSC	Crevices in rocky outcrops and cliffs, caves, mines, trees (e.g., basal hollows of redwoods, cavities of oaks, exfoliating pine and oak bark, deciduous trees in riparian areas, and fruit trees in orchards). Also roosts in various human structures such as bridges, barns, porches, bat boxes, and human-occupied as well as vacant buildings (WBWG 2017).	Habitat Absent	There is no suitable habitat present for this species.
Townsend's big-eared bat *(Corynorhinus townsendii)*	-	-	SSC	Caves, mines, buildings, rock crevices, trees.	Habitat Absent	There is no suitable habitat present for this species.

Status Codes

FESA	Federal Endangered Species Act
CESA	California Endangered Species Act
FE	FESA listed, Endangered.
FT	FESA listed, Threatened.
BCC	USFWS Bird of Conservation Concern (USFWS 2008).

Table 2. Potentially Occurring Special-Status Species

Common Name (Scientific Name)	Status			Habitat Description	Survey Period	Potential to Occur in the BSA
	FESA	CESA/ NPPA	Other			

CT	CESA- or NPPA-listed, Threatened.
CE	CESA or NPPA listed, Endangered.
SSC	CDFW Species of Special Concern (CDFW, updated July 2017).
CDFW WL	CDFW Watch List
CFP	California Fish and Game Code Fully Protected Species (§ 3511-birds, § 4700-mammals, §5 050-reptiles/ amphibians).
CNDDB	Species that is tracked by CDFG's CNDDB but does not have any of the above special-status designations otherwise.
1B	CRPR/Rare or Endangered in California and elsewhere.
2B	Plants rare, threatened, or endangered in California but more common elsewhere.
4	California Rare Plant Rank (CRPR)/Plants of Limited Distribution – A Watch List.
0.1	Threat Rank/Seriously threatened in California (over 80% of occurrences threatened / high degree and immediacy of threat)
0.2	Threat Rank/Moderately threatened in California (20-80% occurrences threatened / moderate degree and immediacy of threat)

Chapter 4 Results: Biological Resources, Discussion of Impacts and Mitigation

4.1 Habitats and Natural Communities of Special Concern

4.1.1 Discussion of Wetlands and Waters of the U.S.

4.1.1.1 Survey Results

A wetland delineation was conducted for the project on March 29, 2019. A total of 0.114 acre of aquatic resources were mapped within the BSA (Table 3; Figure 3). Representative site photographs are included in Appendix E.

Table 3. Aquatic Resources

Type	Acreage[1]
Wetlands:	0.00
Non-Wetland Waters:	
Ditch	0.114
Total	0.114

[1]Acreages represent a calculated estimation and are subject to modification following the USACE verification process.

The roadside ditches are primarily unvegetated with small vegetated patches. During the field survey (March 21, 2019), there were anywhere from a few inches up to two feet of standing water in the ditches, but there was no flow. The ditch was delineated at the ordinary high-water mark, which was identified in the field by changes in vegetation species composition.

While verification by the U.S. Army Corps of Engineers (USACE) is pending, a segment of the same ditch immediately north of the project (associated with the Washington Boulevard/Andora Bridge Improvement project- SPK-2018-00108) was verified by the USACE as being non-jurisdictional (Appendix D).

4.1.1.2 Project Impacts

The project would result in 0.114 acre of permant (or temporary) impacts to aquatic resources, pending verification by the USACE. Impacts would result from incorporation of the roundabout and widening to accommodate sidewalks.

4.1.1.3 Avoidance and Minimization Efforts

Impacts to aquatic resources are unavoidable as they occur within the road rights-of-way where the roundabout and other improvements would occur. Implementation of the following avoidance and minimization measures (AMMs) would reduce impacts to aquatic resources.

AMM 1: Implement BMPs and SWPPP Measures

Best management practices (BMPs) include, but are not limited to: minimizing soil disturbance, inlet protection, stabilized construction access, covering of exposed areas with mulch, use of

construction mats, soil stabilizers, binders, fiber rolls or blankets, temporary vegetation or permanent seeding, and preservation of existing vegetation. BMPs will be implemented during construction to prevent sedimentation and erosion from impacting surface waters. In addition, a storm water pollution prevention plan (SWPPP) will be prepared for the City and implemented to minimize potential storm water pollution issues.

AMM 2: Environmental Awareness Training

Prior to the commencement of construction activities, including grading and equipment staging, construction personnel will participate in an environmental awareness training program. This program will include a description of sensitive resources on and adjacent to the site including Waters of the U.S. and State, protected trees and nesting birds and raptors. Permit conditions identified by state and federal agencies regarding the avoidance of these resources will be discussed and explained during the training.

AMM 3: Restore Site to Pre-Project Conditions

Upon completion of construction activities, the BSA will be restored to pre-Project conditions to the extent possible. New drainage ditches will be constructed and areas where vegetation was removed will be revegetated using a Caltrans-approved native seed mixture.

4.1.1.4 Compensatory Mitigation

To permit all permanent impacts to aquatic resources, the City will be required to obtain a Waste Discharge Requirement Order from the RWQCB – Central Valley Region for impacts to the ditch. The City will also notify the CDFW of the project to determine if a Streambed Alteration Agreement (Fish and Game Code, Section 1602 – Administered by CDFW) will be required. The project will comply with all permit conditions including compensatory mitigation for impacts to the ditch.

4.1.1.5 Cumulative Impacts

Construction of the Project could contribute minimally to the loss of aquatic resources in the region.

4.1.2 Discussion of Native Oak Trees

4.1.2.1 Survey Results

There are native oak trees in the BSA with a six-inch or greater dbh regulated by the City.

4.1.2.2 Project Impacts

All trees in the BSA construction areas will be removed during construction.

4.1.2.3 Avoidance and Minimization Efforts

Impacts to trees will be avoided by the project wherever possible. Worker environmental awareness training, (AMM-2 described in Section 4.1.1), will discuss the goal of the Project to protect trees not scheduled for removal in the BSA. High visibility environmentally sensitive area ESA fencing (AMM-3, Section 4.1.1), will be installed around trees that are to be retained to protect them from construction activities. No vehicle parking, equipment storage, vegetation or

ground disturbing activities will be allowed beyond the fencing. Additionally, the Project will comply with the City of Roseville Tree Preservation Ordinance.

AMM 4: Obtain a City of Roseville Tree Removal Permit

Any native oak greater than six inches dbh removed by the Project will require a tree removal permit from the City and fulfill any replacement or in-lieu fee requirements.

4.1.2.4 Compensatory Mitigation

Compensatory mitigation for tree removal would include an inch-per-inch replacement ratio at a City-approved site or payment of an in-lieu fee.

4.1.2.5 Cumulative Impacts

With the implementation of compensatory mitigation, no cumulative loss of native oak trees is expected.

4.2 Special Status Animal Species Occurrences

Table 2 lists the special-status animal species that have potential to occur within the BSA and includes a summary of the impacts determination and the rationale to support the impact determination. A discussion of each species follows.

4.2.1 Discussion of Nesting Migratory Birds and Birds of Prey

Migratory birds and raptors could nest within and surrounding the BSA on the ground and within trees. The breeding season for most birds and raptors within the Project region is generally from February 1 to August 31. The occupied nests and eggs of these birds are protected by federal and state laws, including MBTA and California Fish and Game Code §§ 3503 and 3503.5.

4.2.1.1 Survey Results

No nesting migratory birds or nesting birds of prey were observed in the BSA; however, the field surveys were conducted outside of the breeding season. Several birds protected by the MBTA were observed during the field surveys including mallard, northern mockingbird, European starling, and mourning dove. These and other species could potentially nest within the BSA if construction occurs during the breeding season.

4.2.1.2 Project Impacts

This project has the potential to affect migratory birds and birds of prey if they are found to be nesting in the BSA. With the implementation of the AMMs, this project will not affect migratory birds and birds of prey.

4.2.1.3 Avoidance and Minimization Efforts

AMM 7: Conduct Nesting Bird Survey

If construction begins within the nesting season, generally considered February 1 through August 31, for migratory birds and birds of prey, a preconstruction nesting bird survey will be conducted by a qualified biologist. If nesting birds are found during the survey, the nests will be flagged and CDFW will be contacted for guidance.

4.2.1.4 Compensatory Mitigation

No compensatory mitigation is proposed.

Chapter 5 Conclusions and Regulatory Determinations

5.1 Federal Endangered Species Act Consultation Summary

No take of federal listed species will occur as a result of this project.

5.2 California Endangered Species Act Consultation Summary

No take of California state-listed species will occur as a result of this project.

5.3 Wetlands and Waters of the U.S. Coordination Summary

Potential Waters of the U.S. were delineated on March 21, 2019. A total of 0.114-ac of roadside ditch (potential Waters of the U.S.) were mapped within the BSA. While verification by the USACE is pending, a segment of the same ditch immediately north of the project (associated with the Washington Boulevard/Andora Bridge Improvement project- SPK-2018-00108) was verified by the USACE as being non-jurisdictional. The ditch is anticipated to be permanently or temporarily impacted by the proposed project. Given that the USACE has determined that the ditch is not a Water of the U.S., no compensatory mitigation is required. Temporarily impacted portions of the ditch will be reseeded with a Caltrans-approved native seed mixture.

A CWA, Section 404 NWP (14 for Linear Transportation Projects) from the USACE will not be required due to the absence of Waters of the U.S. However, the City will need to obtain a Waste Discharge Requirement Order from the RWQCB Central Valley Region for impacts to the ditch.

5.4 California Fish and Game Code (Administered by the CDFW) – Section 1602 – Streambed Alteration Agreement

The CDFW will be notified of the Project, and if required, a 1602 Streambed Alteration Agreement will be obtained from the CDFW.

5.5 Migratory Bird Treaty Act

Special-status birds protected by the MBTA have the potential to occur within the BSA. If construction activities are to occur between February 1 and August 31, pre-construction surveys for migratory birds (including raptors), shall be conducted by a qualified biologist 14 days prior to the start of construction. If nesting birds are found within or adjacent to the BSA, appropriate temporal restrictions and/or buffer areas will be established by the biologist.

5.6 Rare Plants

A protocol-level rare plant survey was conducted during the bloom period for Sanford's arrowhead and did not identfy the species onsite.

5.7 Native Oak Trees

The Project will comply with the City of Roseville Tree Preservation Ordinance.

5.8 Invasive Species

Management measures will be implemented to prevent the spread of weeds during construction and disturbed areas will be revegetated with native species appropriate to the area. Management measures may include (but are not limited to) the following:

- Use only certified weed-free straw or rice straw mulch;
- Use native, non-invasive species or non-persistent hybrids in erosion control plantings to stabilize site conditions and prevent invasive species from colonizing;
- Minimize disturbance to the greatest extent possible;
- Ensure construction equipment is cleaned to remove debris that could contain invasive species or their seeds prior to transport to and from the construction area; and
- Restrict washing of construction vehicles and equipment to approved maintenance facilities or staging areas.

Chapter 6 References

Baldwin, B. G., Goldman G. H., Keil D. J., Patterson R., Rosatti T. J., Wilken D. H. 2012. *The Jepson Manual; Vascular Plants of California, Second Edition*. Berkeley, CA: University of California Press.

CDFW. 2019. Rarefind Natural Diversity Data Base Program. Commercial Version. California Natural Diversity Database. The Resources Agency, Sacramento.

CNPS. 2019. Inventory of Rare and Endangered Plants (online edition, v7-18). California Native Plant Society. Sacramento, CA. Accessed from http://www.cnps.org/inventory on March 26, 2019.

Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual. Technical Report Y-87-1 (On-line edition). Vicksburg, Mississippi: U.S. Army Engineer Waterways Experiment Station. p. 143. January 1987.

Kollmorgen Instruments Co. 2009. Munsell Soil Color Book. Munsell Color. Grand Rapids, Michigan.

NAIP. 2009. Orthorectified aerial photographs.

NOAA. 2002. Monthly Station Normals of Temperature, Precipitation, and Heating and Cooling Degree Days, 1971-2000. NOAA, National Environmental Satellite, Data, and Information Service, National Climatic Data Center. Asheville, North Carolina.

NRCS. 2019a. Web Soil Survey. http://websoilsurvey.nrcs.usda.gov/. Accessed January 2019.

_____. 2019b. Soil Data Access Hydric Soils List. https://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/use/hydric/. Accessed January 2019.

NRCS, USGS, USEPA. 2016. Watershed Boundary Dataset for California. http://datagateway.nrcs.usda.gov.

USACE. 2016. Minimum Standards for Acceptance of Aquatic Resources Delineation Reports. U.S. Army Corps of Engineers. p. 20. January 2016.

_____. 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: *Western Mountains, Valleys, and Coast Region, Version 2.0*. May 2010. ERDC/EL TR-10-3

USFWS. 2019. USFWS Resource Report List. Information for Planning and Conservation. Internet website: http://ecos.fws.gov/ipac/.

_____. 2005. Recovery plan for vernal pool ecosystems of California and Southern Oregon. Portland, OR. Dated December 15, 2005. http://ecos.fws.gov/docs/recovery_plan/060614.pdf

_____. 2008. Birds of Conservation Concern 2008. United States Department of Interior, Fish and Wildlife Service, Division of Migratory Bird Management, Arlington, Virginia. 85 pp. [Online version available at

USGS. 1992. "Rocklin, California" 7.5-minute Quadrangle. In: Survey. G, editor. Denver, Colorado.

WBWG. 2017. Western Bat Species Accounts. http://wbwg.org/western-bat-species/.

List of Appendices

Appendix A – USFWS Species List

Appendix B – CNDDB Inventory Results

Appendix C – CNPS Inventory Results

Appendix D – Approved Jurisdictional Determination-Washington Boulevard/Andora Bridge Improvement Project

Appendix E – Representative Photos

APPENDIX A

USFWS Species List

IPaC **U.S. Fish & Wildlife Service**

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

Project information

NAME

Washington Blvd./All America City Blvd

LOCATION

Placer County, California



DESCRIPTION

Construction of a roundabout at the Washington Blvd. and All America City Blvd./Lincoln Street Intersection.

Local office

Sacramento Fish And Wildlife Office

(916) 414-6600

(916) 414-6713

Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population, even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Log in to IPaC.
2. Go to your My Projects list.
3. Click PROJECT HOME for this project.
4. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information.
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Reptiles

NAME	STATUS

NOT FOR CONSULTATION

Giant Garter Snake Thamnophis gigas — Threatened
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/4482

Amphibians

NAME	STATUS
California Red-legged Frog Rana draytonii	Threatened
There is **final** critical habitat for this species. Your location is outside the critical habitat. https://ecos.fws.gov/ecp/species/2891	

Fishes

NAME	STATUS
Delta Smelt Hypomesus transpacificus	Threatened
There is **final** critical habitat for this species. Your location is outside the critical habitat. https://ecos.fws.gov/ecp/species/321	

Insects

NAME	STATUS
Valley Elderberry Longhorn Beetle Desmocerus californicus dimorphus	Threatened
There is **final** critical habitat for this species. Your location is outside the critical habitat. https://ecos.fws.gov/ecp/species/7850	

Crustaceans

NAME	STATUS
Conservancy Fairy Shrimp Branchinecta conservatio	Endangered
There is **final** critical habitat for this species. Your location is outside the critical habitat. https://ecos.fws.gov/ecp/species/8246	
Vernal Pool Fairy Shrimp Branchinecta lynchi	Threatened
There is **final** critical habitat for this species. Your location is outside the critical habitat. https://ecos.fws.gov/ecp/species/498	
Vernal Pool Tadpole Shrimp Lepidurus packardi	Endangered
There is **final** critical habitat for this species. Your location is outside the critical habitat. https://ecos.fws.gov/ecp/species/2246	

NOT FOR CONSULTATION

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Measures for avoiding and minimizing impacts to birds http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME

NOT FOR CONSULTATION

BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)

Bald Eagle Haliaeetus leucocephalus — Breeds Jan 1 to Aug 31

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.
https://ecos.fws.gov/ecp/species/1626

Burrowing Owl Athene cunicularia — Breeds Mar 15 to Aug 31

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
https://ecos.fws.gov/ecp/species/9737

California Thrasher Toxostoma redivivum — Breeds Jan 1 to Jul 31

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Common Yellowthroat Geothlypis trichas sinuosa — Breeds May 20 to Jul 31

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
https://ecos.fws.gov/ecp/species/2084

Golden Eagle Aquila chrysaetos — Breeds Jan 1 to Aug 31

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.
https://ecos.fws.gov/ecp/species/1680

Lewis's Woodpecker Melanerpes lewis — Breeds Apr 20 to Sep 30

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9408

NOT FOR CONSULTATION

Nuttall's Woodpecker Picoides nuttallii — Breeds Apr 1 to Jul 20
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
https://ecos.fws.gov/ecp/species/9410

Oak Titmouse Baeolophus inornatus — Breeds Mar 15 to Jul 15
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9656

Rufous Hummingbird selasphorus rufus — Breeds elsewhere
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/8002

Song Sparrow Melospiza melodia — Breeds Feb 20 to Sep 5
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Spotted Towhee Pipilo maculatus clementae — Breeds Apr 15 to Jul 20
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
https://ecos.fws.gov/ecp/species/4243

Tricolored Blackbird Agelaius tricolor — Breeds Mar 15 to Aug 10
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/3910

Willet Tringa semipalmata — Breeds elsewhere
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Yellow-billed Magpie Pica nuttalli — Breeds Apr 1 to Jul 31
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9726

NOT FOR CONSULTATION

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (▪)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

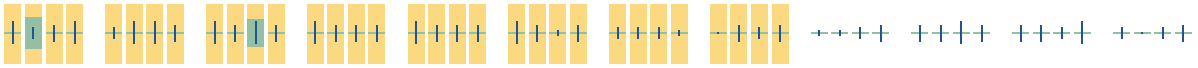
No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

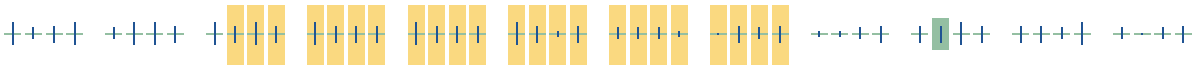
NOT FOR CONSULTATION



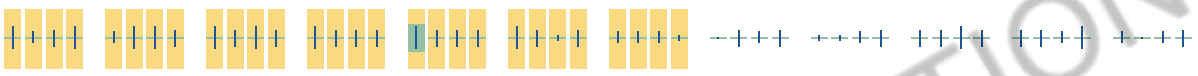
Bald Eagle
Non-BCC Vulnerable (This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.)



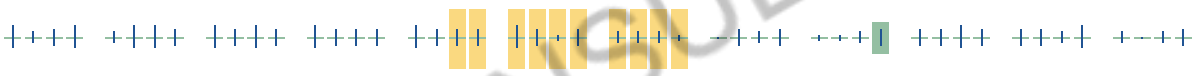
Burrowing Owl
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)



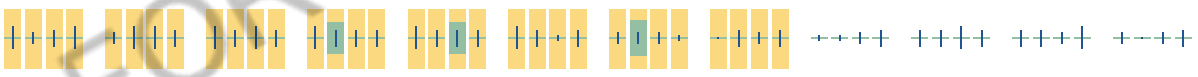
California Thrasher
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



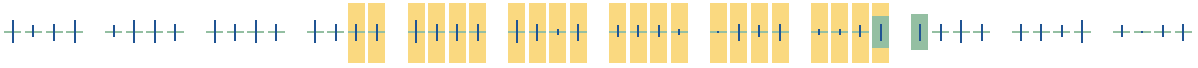
Common Yellowthroat
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)



Golden Eagle
Non-BCC Vulnerable (This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.)



Lewis's Woodpecker
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



DRAFT FOR CONSULTATION

Nuttall's Woodpecker
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

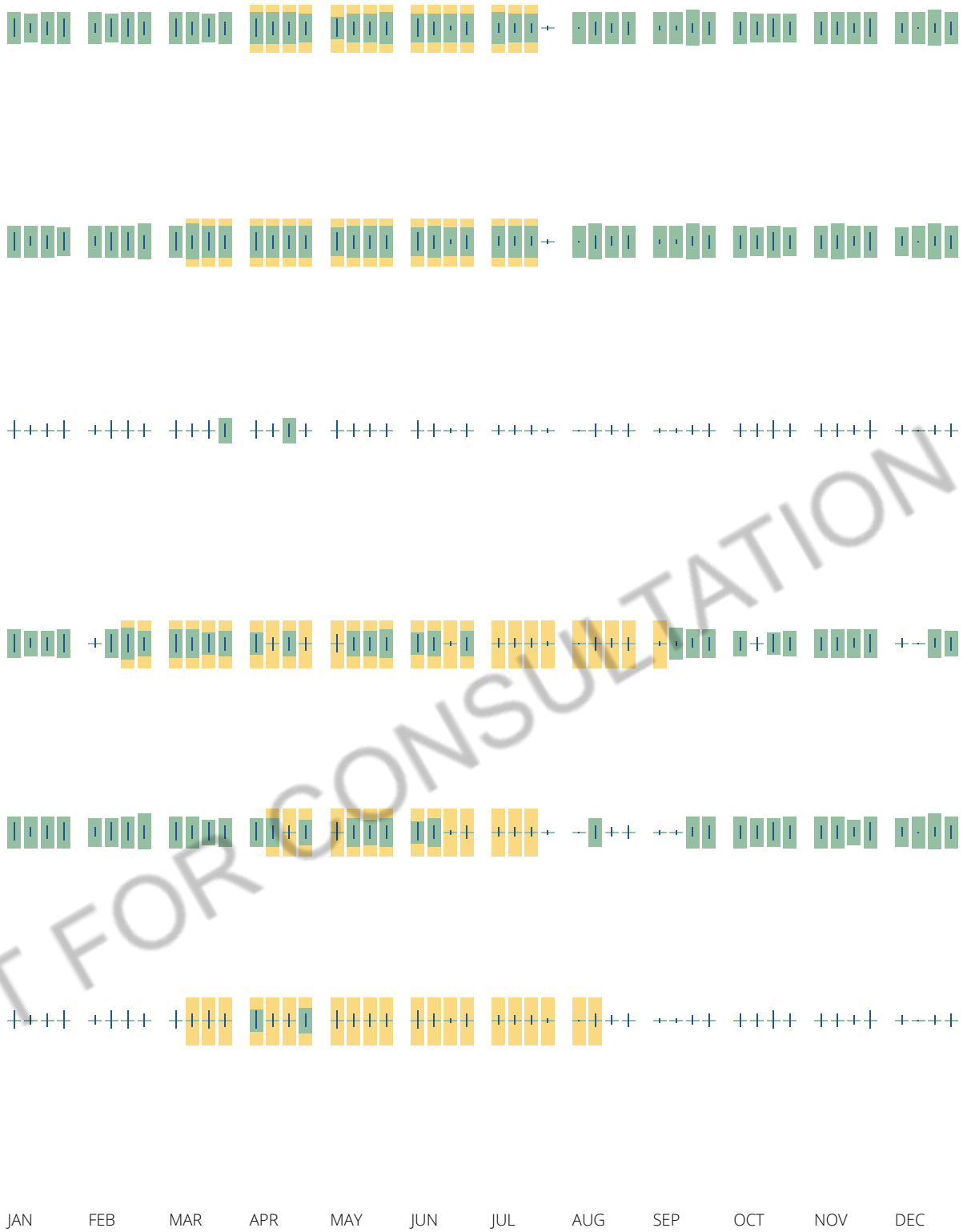
Oak Titmouse
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Rufous Hummingbird
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Song Sparrow
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

Spotted Towhee
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

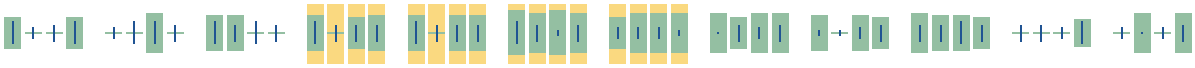
Tricolored Blackbird
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



Willet
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

NOT FOR CONSULTATION

Yellow-billed Magpie
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures and/or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the E-bird Explore Data Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets .

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: The Cornell Lab of Ornithology All About Birds Bird Guide, or (if you are unsuccessful in locating the bird of interest there), the Cornell Lab of Ornithology Neotropical Birds guide. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

NOT FOR CONSULTATION

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ “What does IPaC use to generate the migratory birds potentially occurring in my specified location”. Please be aware this report provides the “probability of presence” of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the “no data” indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ “Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds” at the bottom of your migratory bird trust resources page.

NOT FOR CONSULTATION

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

THERE ARE NO KNOWN WETLANDS AT THIS LOCATION.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

NOT FOR CONSULTATION

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

APPENDIX B

CNDDB Inventory Results

Selected Elements by Element Code

California Department of Fish and Wildlife

California Natural Diversity Database

Query Criteria: Quad IS (Roseville (3812173) OR Citrus Heights (3812163) OR Rio Linda (3812164) OR Gold Hill (3812182) OR Rocklin (3812172) OR Folsom (3812162) OR Lincoln (3812183) OR Sheridan (3812184) OR Pleasant Grove (3812174))

Element Code	Species	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
AAABF02020	***Spea hammondii*** western spadefoot	None	None	G3	S3	SSC
ABNFD01020	***Phalacrocorax auritus*** double-crested cormorant	None	None	G5	S4	WL
ABNGA04010	***Ardea herodias*** great blue heron	None	None	G5	S4	
ABNGA04040	***Ardea alba*** great egret	None	None	G5	S4	
ABNKC01010	***Pandion haliaetus*** osprey	None	None	G5	S4	WL
ABNKC06010	***Elanus leucurus*** white-tailed kite	None	None	G5	S3S4	FP
ABNKC12040	***Accipiter cooperii*** Cooper's hawk	None	None	G5	S4	WL
ABNKC19070	***Buteo swainsoni*** Swainson's hawk	None	Threatened	G5	S3	
ABNKD06030	***Falco columbarius*** merlin	None	None	G5	S3S4	WL
ABNME03041	***Laterallus jamaicensis coturniculus*** California black rail	None	Threatened	G3G4T1	S1	FP
ABNRB02022	***Coccyzus americanus occidentalis*** western yellow-billed cuckoo	Threatened	Endangered	G5T2T3	S1	
ABNSB10010	***Athene cunicularia*** burrowing owl	None	None	G4	S3	SSC
ABPAU01010	***Progne subis*** purple martin	None	None	G5	S3	SSC
ABPAU08010	***Riparia riparia*** bank swallow	None	Threatened	G5	S2	
ABPBXA0020	***Ammodramus savannarum*** grasshopper sparrow	None	None	G5	S3	SSC
ABPBXA3010	***Melospiza melodia*** song sparrow ("Modesto" population)	None	None	G5	S3?	SSC
ABPBXB0020	***Agelaius tricolor*** tricolored blackbird	None	Candidate Endangered	G2G3	S1S2	SSC
AFCHA0209K	***Oncorhynchus mykiss irideus pop. 11*** steelhead - Central Valley DPS	Threatened	None	G5T2Q	S2	
AMACC02010	***Lasionycteris noctivagans*** silver-haired bat	None	None	G5	S3S4	

Element Code	Species	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
AMACC08010	***Corynorhinus townsendii*** Townsend's big-eared bat	None	None	G3G4	S2	SSC
AMACC10010	***Antrozous pallidus*** pallid bat	None	None	G5	S3	SSC
AMAJF04010	***Taxidea taxus*** American badger	None	None	G5	S3	SSC
ARAAD02030	***Emys marmorata*** western pond turtle	None	None	G3G4	S3	SSC
ARADB36150	***Thamnophis gigas*** giant gartersnake	Threatened	Threatened	G2	S2	
CTT42110CA	***Valley Needlegrass Grassland*** Valley Needlegrass Grassland	None	None	G3	S3.1	
CTT44110CA	***Northern Hardpan Vernal Pool*** Northern Hardpan Vernal Pool	None	None	G3	S3.1	
CTT44120CA	***Northern Claypan Vernal Pool*** Northern Claypan Vernal Pool	None	None	G1	S1.1	
CTT44132CA	***Northern Volcanic Mud Flow Vernal Pool*** Northern Volcanic Mud Flow Vernal Pool	None	None	G1	S1.1	
CTT45310CA	***Alkali Meadow*** Alkali Meadow	None	None	G3	S2.1	
CTT45320CA	***Alkali Seep*** Alkali Seep	None	None	G3	S2.1	
ICBRA03010	***Branchinecta conservatio*** Conservancy fairy shrimp	Endangered	None	G2	S2	
ICBRA03030	***Branchinecta lynchi*** vernal pool fairy shrimp	Threatened	None	G3	S3	
ICBRA06010	***Linderiella occidentalis*** California linderiella	None	None	G2G3	S2S3	
ICBRA10010	***Lepidurus packardi*** vernal pool tadpole shrimp	Endangered	None	G4	S3S4	
IICOL48011	***Desmocerus californicus dimorphus*** valley elderberry longhorn beetle	Threatened	None	G3T2	S2	
IICOL5V010	***Hydrochara rickseckeri*** Ricksecker's water scavenger beetle	None	None	G2?	S2?	
IIHYM35210	***Andrena subapasta*** An andrenid bee	None	None	G1G2	S1S2	
PDAST11061	***Balsamorhiza macrolepis*** big-scale balsamroot	None	None	G2	S2	1B.2
PDCAM060C0	***Downingia pusilla*** dwarf downingia	None	None	GU	S2	2B.2
PDCAM0C010	***Legenere limosa*** legenere	None	None	G2	S2	1B.1

Selected Elements by Element Code

California Department of Fish and Wildlife

California Natural Diversity Database

Element Code	Species	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
PDONA05053	***Clarkia biloba ssp. brandegeeae*** Brandegee's clarkia	None	None	G4G5T4	S4	4.2
PDPLM0C0X1	***Navarretia myersii ssp. myersii*** pincushion navarretia	None	None	G2T2	S2	1B.1
PDSCR0J0D1	***Chloropyron molle ssp. hispidum*** hispid salty bird's-beak	None	None	G2T1	S1	1B.1
PDSCR0R060	***Gratiola heterosepala*** Boggs Lake hedge-hyssop	None	Endangered	G2	S2	1B.2
PMALI040Q0	***Sagittaria sanfordii*** Sanford's arrowhead	None	None	G3	S3	1B.2
PMJUN011L1	***Juncus leiospermus var. ahartii*** Ahart's dwarf rush	None	None	G2T1	S1	1B.2
PMJUN011L2	***Juncus leiospermus var. leiospermus*** Red Bluff dwarf rush	None	None	G2T2	S2	1B.1
PMLIL0V010	***Fritillaria agrestis*** stinkbells	None	None	G3	S3	4.2
PMPOA4G070	***Orcuttia viscida*** Sacramento Orcutt grass	Endangered	Endangered	G1	S1	1B.1

Record Count: 49

APPENDIX C

CNPS Inventory Results

Inventory of Rare and Endangered Plants - 7th edition interface

v7-18mar 3-19-18

Status: search results - Tue, Mar. 26, 2019 16:45 ET c

{QUADS_123} =~ m/528D|512A|512B|527B|527C|511B|528A|528B|528C/ Search

Tip: `+Lathyrus +"coastal dunes"` returns only those Lathyrus in coastal dunes. Note the "+" and quotes.[all tips and help.][search history]

Your Quad Selection: Roseville (528D) 3812173, Citrus Heights (512A) 3812163, Rio Linda (512B) 3812164, Gold Hill (527B) 3812182, Rocklin (527C) 3812172, Folsom (511B) 3812162, Lincoln (528A) 3812183, Sheridan (528B) 3812184, Pleasant Grove (528C) 3812174

Hits 1 to 10 of 10

Requests that specify topo quads will return only Lists 1-3.

To save selected records for later study, click the ADD button.

ADD checked items to Plant Press | check all | check none

Selections will appear in a new window.

open	save	hits	scientific	common	family	CNPS
		1	**Balsamorhiza macrolepis**	big-scale balsamroot	Asteraceae	List 1B.2
		1	**Chloropyron molle ssp. hispidum**	hispid bird's-beak	Orobanchaceae	List 1B.1
		1	**Downingia pusilla**	dwarf downingia	Campanulaceae	List 2B.2
		1	**Gratiola heterosepala**	Boggs Lake hedge-hyssop	Plantaginaceae	List 1B.2
		1	**Juncus leiospermus var. ahartii**	Ahart's dwarf rush	Juncaceae	List 1B.2
		1	**Juncus leiospermus var. leiospermus**	Red Bluff dwarf rush	Juncaceae	List 1B.1
		1	**Legenere limosa**	legenere	Campanulaceae	List 1B.1
		1	**Navarretia myersii ssp. myersii**	pincushion navarretia	Polemoniaceae	List 1B.1
		1	**Orcuttia viscida**	Sacramento Orcutt grass	Poaceae	List 1B.1
		1	**Sagittaria sanfordii**	Sanford's arrowhead	Alismataceae	List 1B.2

To save selected records for later study, click the ADD button.

ADD checked items to Plant Press | check all | check none

Selections will appear in a new window.

No more hits.

APPENDIX D

Approved Jurisdictional Determination – Washington Boulevard/Andora Bridge Improvement Project

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SACRAMENTO DISTRICT
1325 J STREET
SACRAMENTO CA 95814-2922

May 14, 2020

Regulatory Division (SPK-2018-00108)

City of Roseville
Attn: Ms. Terri Shirhall
311 Vernon Street
Roseville, California 95678
tshirhall@roseville.ca.us

Dear Ms. Shirhall:

We are responding to your consultant's April 14, 2020, request for an approved jurisdictional determination for the Washington Boulevard/Andora Bridge Improvement Project site. The approximately 60-acre project site is located near South Branch Pleasant Grove Creek, between Sawtell Road and Pleasant Grove Boulevard, Latitude 38.767°, Longitude -121.301°, in the City of Roseville, Placer County, California.

Based on available information, we concur with your aquatic resources delineation for the survey area, as depicted on the enclosed April 2020, *Attachment A: Delineation of Aquatic Resources* drawing, prepared by ICF International (enclosure 1).

The 0.012 acre of roadside ditch, identified as "D-4" on the enclosed drawing, was excavated in upland, drains only upland, and does not carry a relatively permanent flow of water. Therefore, this feature is not a water of the United States and is currently not regulated by the U.S. Army Corps of Engineers. Based upon this information, we have determined that there are no waters of the United States within the study area.

We are enclosing a copy of the *Approved Jurisdictional Determination Form* for your site (enclosure 2).

This approved jurisdictional determination is valid for five years from the date of this letter, unless new information warrants revision of the determination before the expiration date. If you object to this determination, you may request an administrative appeal under Corps regulations at 33 Code of Federal Regulations (CFR) Part 331.

A *Notification of Appeal Process (NAP) and Request for Appeal (RFA) Form* is enclosed (enclosure 3). If you request to appeal this determination, you must submit a completed RFA form to the South Pacific Division Office at the following address: Administrative Appeal Review Officer, Army Corps of Engineers, South Pacific Division, CESPD-PDO, 1455 Market Street, 2052B, San Francisco, California 94103-1399, Telephone: 415-503-6574, FAX: 415-503-6646.

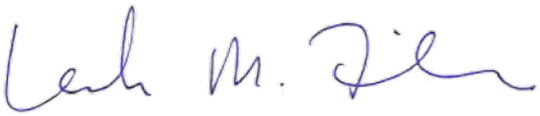
In order for an RFA to be accepted by the Corps, we must determine that the form is complete, that it meets the criteria for appeal under 33 CFR Part 331.5, and that the form was received by the Division Office within 60 days of the date of the NAP. It is not necessary to submit an RFA form to the Division Office unless you object to the determination in this letter.

We recommend that you provide a copy of this letter and notice to all other affected parties, including any individual who has an identifiable and substantial legal interest in the property.

This approved jurisdictional determination has been conducted to identify the limits of aquatic resources subject to U.S. Army Corps of Engineers jurisdiction under Section 404 of the Clean Water Act for the particular site identified in this request.

Please refer to identification number SPK-2018-00108 in any correspondence concerning this project. If you have any questions, please contact me at our California North Section Office, Regulatory Division, U.S. Army Corps of Engineers, 1325 J Street, Room 1350, Sacramento, California 95814-2922, by email at *Leah.M.Fisher@usace.army.mil*, or telephone at (916) 557-6639. For program information or to complete our Customer Survey, visit our website at *www.spk.usace.army.mil/Missions/Regulatory.aspx*.

Sincerely,



Leah M. Fisher
Senior Project Manager
California North Section

Enclosures

cc: (w/encls)

Susan Bushnell, ICF International, Susan.Bushnell-Bergfalk@icf.com
Sam Ziegler, U.S. Environmental Protection Agency, Ziegler.sam@epa.gov

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: City of Roseville, Attn: Ms. Terri Shirhall	File No.: SPK-2018-00108	Date: May 14, 2020

Attached is:		See Section below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
	PROFFERED PERMIT (Standard Permit or Letter of permission)	B
	PERMIT DENIAL	C
→	APPROVED JURISDICTIONAL DETERMINATION	D
	PRELIMINARY JURISDICTIONAL DETERMINATION	E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at *http://www.usace.army.mil/cecw/pages/reg_materials.aspx* or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

- OBJECT: If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

- APPEAL: If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer (address on reverse). This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer (address on reverse). This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- ACCEPT: You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.

- APPEAL: If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer (address on reverse). This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Leah M. Fisher
Senior Regulatory Project Manager
U.S. Army Corps of Engineers
Regulatory Division
1325 J Street, Room 1350
Sacramento, California 95814-2922
Phone: (916) 557-6639, FAX 916-557-7803
Email: Leah.M.Fisher@usace.army.mil

If you only have questions regarding the appeal process you may also contact:

Thomas J. Cavanaugh
Administrative Appeal Review Officer
U.S. Army Corps of Engineers
South Pacific Division
1455 Market Street, 2052B
San Francisco, California 94103-1399
Phone: 415-503-6574, FAX 415-503-6646)
Email: Thomas.J.Cavanaugh@usace.army.mil

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

	Date:	Telephone number:
_____ Signature of appellant or agent.		



City of Roseville
Supplement to Delineation of
Aquatic Resources
Washington Blvd/Andora Bridge Widening
SPK-2018-00108
April 2020

Legend

- Photo Location
- Data Points
- OHWM Data Point
- Culvert Inlet/Outlet
- Culvert
- Roadside Ditch (0.012 ac)
- Flow Direction
- Survey Area (0.30 ac)

W = Average Width



1 inch = 50 feet

0 25 50
Feet

Notes:

Coordinate System: State Plane Zone 2 (NAD83)
Imagery Source: NAIP 2018
USGS Topo Quad: Roseville
PLSS: T11N R06E, Section 34

Prepared By: ICF 916.737.3000
Delineated By: Lisa Webber

Delineation Dates: 02/27/2020
Drawn By: Alex Angier and Hunter Watkins

Path: \\PDC01\RDS\SAS1\Projects_1\mark_thomas\MD74_16_AndoraWideningInpdoc\Aquatic_Resources_supplemental.mxd Author: , Date: 4/14/2020

Attachment A
Delineation of Aquatic Resources

APPENDIX E

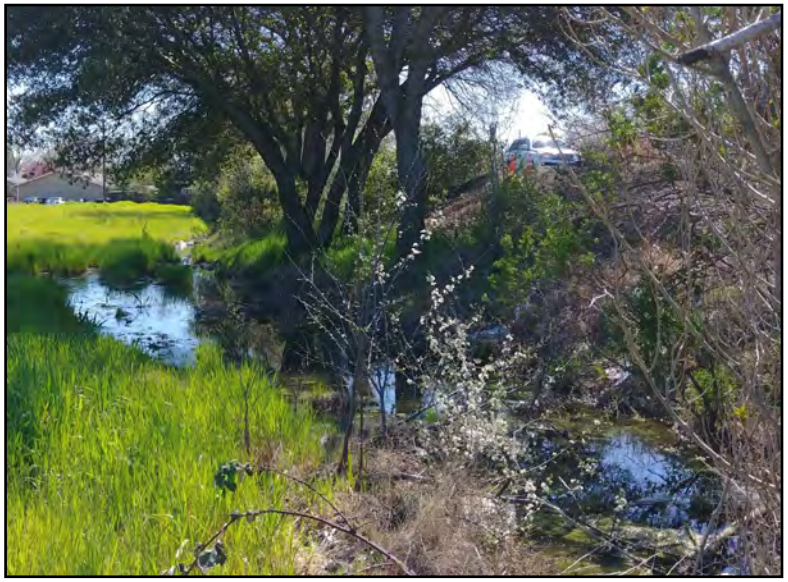
Representative Photos



Ditch 1.



Ditch 2.



Ditch 3.

Aquatic Resources Delineation

Washington Boulevard at All American City Boulevard Roundabout Project

Placer County, California

Prepared for:

City of Roseville

September 23, 2020

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

CONTENTS

1.0 INTRODUCTION 1
2.0 REGULATORY SETTING 1
2.1 Waters of the United States 1
2.1.1 Wetlands 1
2.1.2 Other Waters 1
2.2 Clean Water Act 3
3.0 METHODS 3
3.1 Routine Determinations for Wetlands 4
3.1.1 Vegetation 4
3.1.2 Soils 5
3.1.3 Hydrology 5
4.0 RESULTS 5
4.1 Existing Site Conditions 5
4.1.1 California Aquatic Resource Inventory 6
4.1.2 Soils 6
4.2 Aquatic Resources 8
4.2.1 Non-Wetland Waters 8
5.0 JURISDICTIONAL ASSESSMENT 8
6.0 CONCLUSION 11
7.0 REFERENCES 12

LIST OF TABLES

Table 1. Classification of Wetland-Associated Plant Species[1] 4
Table 2. Aquatic Resources 8

LIST OF FIGURES

Figure 1. Project Location and Vicinity 2
Figure 2. California Aquatic Resources Inventory 7
Figure 3. Natural Resources Conservation Service Soil Types 9
Figure 4. Aquatic Resources Delineation 10

LIST OF ATTACHMENTS

Attachment A – Driving Directions to Study Area

Attachment B – Wetland Determination Data Forms - Arid West

Attachment C – Plant Species Observed Onsite

Attachment D – Representative Site Photographs

Attachment E – USACE ORM Aquatic Resources Table

Attachment F – Wetland Delineation Shape File (to be included with USACE submittal only)

LIST OF ACRONYMS AND ABBREVIATIONS

AJD	Approved jurisdictional delineation
CARI	California Aquatic Resources Inventory
CDEC	California Data Exchange Center
CFR	Code of Federal Register
CWA	Clean Water Act
CWR	Clean Water Rule
USEPA	U.S. Environmental Protection Agency
FAC	Facultative
FACW	Facultative wetland
FR	Federal Register
NOAA	National Oceanic and Atmospheric Administration
NRCS	Natural Resources Conservation Service
OBL	Obligate
ORM	Operations and Maintenance Business Information Link Regulatory Module
OHWM	Ordinary high-water mark
SFEI	San Francisco Estuary Institute
Study Area	±6.55-acre Washington Boulevard at All American City Boulevard Roundabout Project
TNW	Traditional Navigable Waters
U.S.	United States
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey

1.0 INTRODUCTION

On behalf of the City of Roseville, ECORP Consulting, Inc. conducted an aquatic resources delineation for the ±6.55-acre Washington Boulevard at All American City Boulevard Roundabout Project (Study Area) located in the City of Roseville in Placer County, California. The Study Area is located at the intersection of Washington Boulevard and All American City Boulevard (Figure 1. *Project Location and Vicinity*). The Study Area corresponds to a portion of Section 34, Township 11 North, and Range 06 East (Mount Diablo Base and Meridian) of the "Roseville, California" 7.5-minute quadrangle (U.S. Geological Survey [USGS] 1992). The approximate center of the Study Area is located at 38.757039° latitude and -121.28885° longitude within the Upper Coon-Upper Auburn Watershed (Hydrologic Unit Code #18020161, Natural Resources Conservation Service [NRCS], et al. 2016). Driving directions from the U.S. Army Corps of Engineers (USACE) Sacramento District offices to the Study Area are included as Attachment A.

This report describes aquatic resources identified within the Study Area that may be regulated by the USACE pursuant to Section 404 of the federal Clean Water Act (CWA). The information presented in this report provides data required by the USACE Sacramento District's Minimum Standards for Acceptance of Aquatic Resources Delineation Reports (USACE 2016). The aquatic resource boundaries depicted in this report represent a calculated estimation of the jurisdictional area within the Study Area and are subject to modification following the USACE verification process.

The purpose of this report is to provide adequate information to USACE for the issuance of an Approved Jurisdictional Determination (AJD).

2.0 REGULATORY SETTING

2.1 Waters of the United States

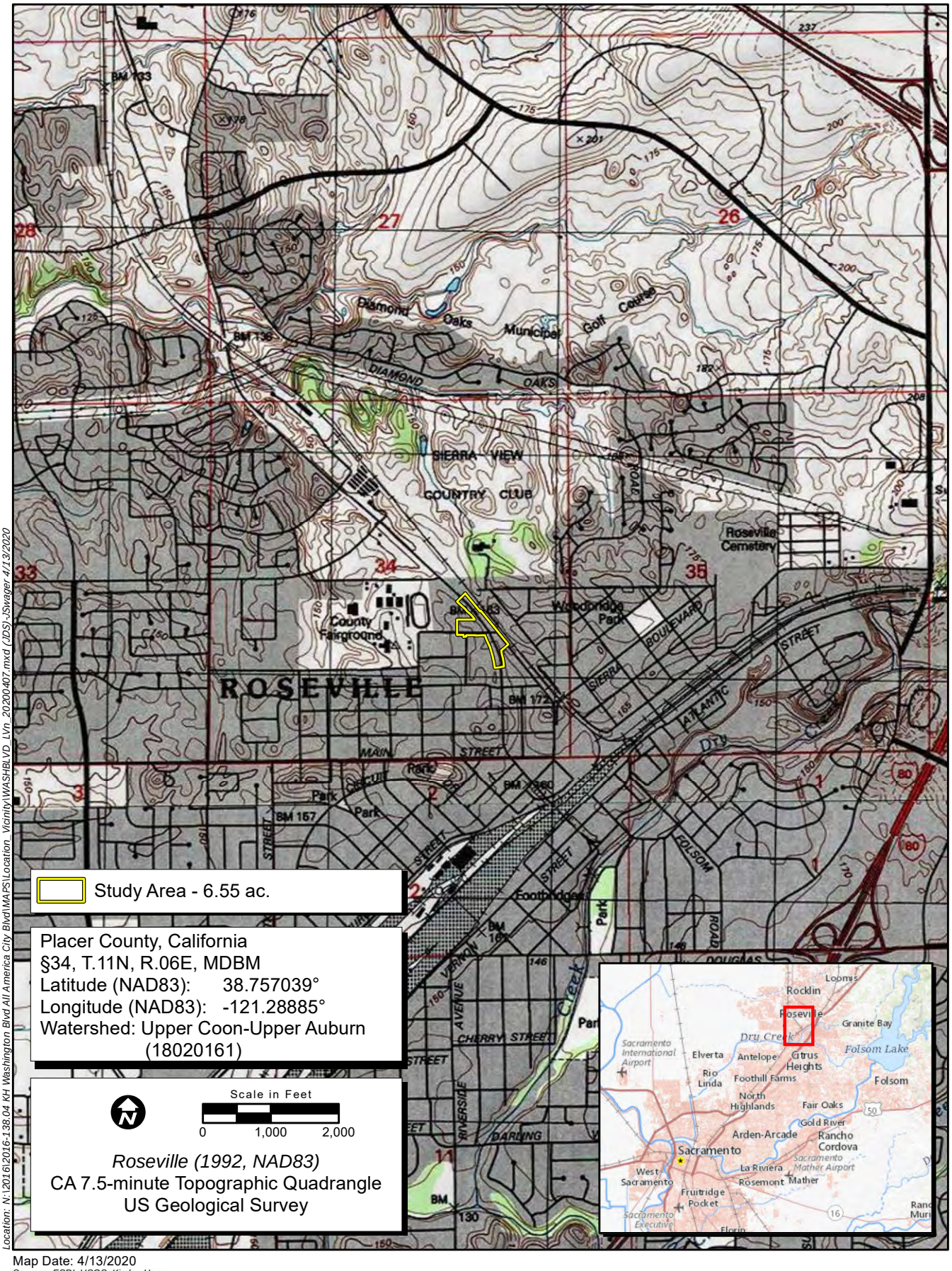
This report describes aquatic resources, including wetlands that may be regulated by USACE under Section 404 of the federal CWA.

2.1.1 Wetlands

Wetlands are "those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions" [51 Federal Register (FR) 41250, Nov. 13, 1986, as amended at 58 FR 45036, Aug. 25, 1993]. Wetlands can be perennial or intermittent.

2.1.2 Other Waters

Other waters are nontidal, perennial, and intermittent watercourses and tributaries to such watercourses [51 FR 41250, Nov. 13, 1986, as amended at 58 FR 45036, August 25, 1993]. The limit of USACE jurisdiction for nontidal watercourses (without adjacent wetlands) is defined in 33 Code of Federal Register (CFR) 328.4(c)(1) as the "ordinary high-water mark" (OHWM).



Location: N:\2016\2016-138.04 KH Washington Blvd All America City Blvd\MAPS\Location_Vicinity\WASHBLVD_LVn_20200407.mxd (JDS)-JSwager 4/13/2020

Map Date: 4/13/2020
Sources: ESRI, USGS, Kimley-Horn

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Figure 1. Project Location and Vicinity

2016-138.04 Washington Blvd All America City Blvd

The OHWM is defined as the "line on the shore established by the fluctuations of water and indicated by physical characteristics such as clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas" approximation of the lateral limit of USACE jurisdiction. The upstream limits of other waters are defined as the point where the OHWM is no longer perceptible.

2.2 Clean Water Act

The USACE regulates discharge of dredged or fill material into Waters of the U.S. under Section 404 of the CWA. "Discharges of fill material" is defined as the addition of fill material into Waters of the U.S., including, but not limited to the following: placement of fill necessary for the construction of any structure, or impoundment requiring rock, sand, dirt, or other material for its construction; site-development fills for recreational, industrial, commercial, residential, and other uses; causeways or road fills; and fill for intake and outfall pipes, and subaqueous utility lines [33 CFR § 328.2(f)]. In addition, Section 401 of the CWA (33 U.S. Code 1341) requires any applicant for a federal license or permit to conduct any activity that may result in a discharge of a pollutant into Waters of the U.S. to obtain a certification that the discharge will comply with the applicable effluent limitations and water quality standards.

Substantial impacts to wetlands, over 0.5 acre of impact, may require an individual permit. Projects that only minimally affect wetlands, less than 0.5 acre of impact, may meet the conditions of one of the existing Nationwide Permits. A Water Quality Certification or waiver pursuant to Section 401 of the CWA is required for Section 404 permit actions; this certification or waiver is issued by the Regional Water Quality Control Board.

3.0 METHODS

This aquatic resources delineation was conducted in accordance with the *Corps of Engineers Wetlands Delineation Manual* (Environmental Laboratory 1987) and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region* (Arid West Region Supplement) (USACE 2008a). The boundaries of aquatic resources were delineated using standard field methods (e.g., paired sample set analyses). Field data were recorded on Wetland Determination Data Forms - Arid West Region (Attachment B). A *Munsell Soil Color Book* (Munsell Color 2009) and the Web Soil Survey (Natural Resources Conservation Service [NRCS] 2019a) were used to aid in identifying hydric soils in the field. Plant identification and nomenclature follow the Jepson Manual, 2nd Edition (Baldwin et al. 2012).

A field survey was conducted on March 21, 2019, by ECORP biologist Keith Kwan. The biologist walked the entire Study Area to determine the location and extent of aquatic resources within the Study Area. Paired locations were sampled to evaluate whether or not the vegetation, hydrology, and soils data supported an aquatic resource determination. At each paired location, one point was located such that it was within the estimated aquatic resource area, and the other point was situated outside the limits of the estimated

aquatic resource area. Aquatic resource boundaries within the Study Area were recorded in the field using a post-processing capable global positioning system unit with sub-meter accuracy (Trimble GeoXT).

3.1 Routine Determinations for Wetlands

To be determined a wetland, the following three criteria must be met:

- A majority of dominant vegetation species are wetland-associated species;
- Hydrologic conditions exist that result in periods of flooding, ponding, or saturation during the growing season; and
- Hydric soils are present.

3.1.1 Vegetation

Hydrophytic vegetation is defined as the sum total of macrophytic plant life that occurs in areas where the frequency and duration of inundation or soil saturation produce permanent or periodically saturated soils of sufficient duration to exert a controlling influence on the plant species present (Environmental Laboratory 1987). The definition of wetlands includes the phrase "a prevalence of vegetation typically adapted for life in saturated soil conditions." Prevalent vegetation is characterized by the dominant plant species comprising the plant community (Environmental Laboratory 1987). The dominance test is the basic hydrophytic vegetation indicator and was applied at each sampling point location. The "50/20 rule" was used to select the dominant plant species from each stratum of the community. The rule states that for each stratum in the plant community, dominant species are the most abundant plant species (when ranked in descending order of coverage and cumulatively totaled) that immediately exceed 50 percent of the total coverage for the stratum, plus any additional species that individually comprise 20 percent or more of the total cover in the stratum (USACE 1992, USACE 2008b).

Dominant plant species observed at each sampling point were then classified according to their indicator status (probability of occurrence in wetlands, Table 1), *North American Digital Flora: National Wetland Plant List* (Lichvar et al. 2016). If the majority (more than 50 percent) of the dominant vegetation on a site are classified with indicator status as obligate (OBL), facultative wetland (FACW), or facultative (FAC); the site was considered to be dominated by hydrophytic vegetation.

Table 1. Classification of Wetland-Associated Plant Species[1]

Plant Species Classification	Abbreviation	Probability of Occurring in Wetland
Obligate	OBL	Almost always occur in wetlands
Facultative Wetland	FACW	Usually occur in wetlands, but may occur in non-wetlands
Facultative	FAC	Occur in wetlands and non-wetlands
Facultative Upland	FACU	Usually occur in non-wetlands, but may occur in wetlands
Upland	UPL	Almost never occur in wetlands
Plants That Are Not Listed (assumed upland species)	N/L	Does not occur in wetlands in any region.

[1]Source: Lichvar et al. 2016

In instances where indicators of hydric soil and wetland hydrology were present but the plant community failed the dominance test, the vegetation was re-evaluated using the Prevalence Index. The Prevalence Index is a weighted-average wetland indicator status of all plant species in the sampling plot, where each indicator status category is given a numeric code (OBL=1, FACW=2, FAC=3, FACU=4, and UPL=5) and weighting is by abundance (percent cover). If the plant community failed the Prevalence Index, the presence/absence of plant morphological adaptations to prolonged inundation or saturation in the root zone was evaluated.

3.1.2 Soils

A hydric soil is defined as a soil that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part (NRCS 2003). Indicators that a hydric soil is present include, but are not limited to, histosols, histic epipedon, hydrogen sulfide, depleted below dark surface, sandy redox, loamy gleyed matrix, depleted matrix, redox dark surface, redox depressions, and vernal pools.

At each sampling point a soil pit was excavated to the depth needed to document an indicator, to confirm the absence of indicators, or until refusal at each sampling point. The soil was then examined for hydric soil indicators. Soil colors were determined while the soil was moist using the *Munsell Soil Color Book* (Munsell Color 2009). Hydric soils are formed predominantly by the accumulation or loss of iron, manganese, sulfur, or carbon compounds in a saturated and anaerobic environment. These processes and the features in the soil that develop can be identified by looking at the color and texture of the soils.

3.1.3 Hydrology

Wetlands, by definition, are seasonally or perennially inundated or saturated at or near (within 12 inches of) the soil surface. Primary indicators of wetland hydrology include, but are not limited to: visual observation of saturated soils, visual observation of inundation, surface soil cracks, inundation visible on aerial imagery, water-stained leaves, oxidized rhizospheres along living roots, aquatic invertebrates, water marks (secondary indicator in riverine environments), drift lines (secondary indicator in riverine environments), and sediment deposits (secondary indicator in riverine environments). The occurrence of one primary indicator is sufficient to conclude that wetland hydrology is present. If no primary indicators are observed, two or more secondary indicators are required to conclude wetland hydrology is present. Secondary indicators include, but are not limited to drainage patterns, crayfish burrows, FAC-neutral test, and shallow aquitard. The occurrence of at least one primary indicator or two secondary indicators is required to confirm the presence of wetland hydrology.

4.0 RESULTS

4.1 Existing Site Conditions

The Study Area is located at the current intersection of Washington Boulevard, a five-lane arterial, All America City Boulevard, a three-lane collector roadway, and Lincoln Street, a two-lane collector roadway. The Study Area is situated at an elevation of approximately 160 feet above mean sea level in the

Sacramento Valley Subregion of the Great Central Valley floristic region of California (Baldwin et al. 2012). The mean temperatures range from a winter low of 46.2˚F (minimum of 37.1˚F) in December to a summer high of 78.9˚F (maximum of 96.3˚F) in July for Marysville, California (approximately 20 miles north of the Study Area) (National Oceanic and Atmospheric Administration [NOAA] 2002). Average annual precipitation is approximately 22.07 inches (NOAA 2002).

This aquatic resources delineation was conducted in late winter-early spring, at the beginning of the blooming season for many plant species for this region. Most plants were identifiable to species based upon vegetative or fruit morphology. Hydrologic conditions within the Study Area were typical for March (e.g., uplands were dry with scattered small pools), and precipitation totals during the water year preceding the survey were above normal. During the 2018-2019 water year prior to the field survey (October 1, 2018 – March 20, 2019), 23.52 inches of precipitation were recorded at the Lincoln, California reporting station (California Data Exchange Center [CDEC] 2019) located approximately 8 miles northeast from the Study Area.

The majority of the Study Area is composed of existing roads. The Study Area west of Washington Boulevard includes improved sidewalks, curbs, and gutters with maintained lawns and landscaping. The roadsides east of Washington Boulevard are unimproved and includes ruderal grassland and a roadside ditch between Washington Boulevard, Lincoln Street, and the Union Pacific Railroad tracks. The ruderal grassland vegetation community is dominated by weedy nonnative grasses and forbs such as Italian ryegrass (*Festuca perennis*), soft chess (*Bromus hordeaceus*), wild oats (*Avena fatua*), cut-leaved geranium (*Geranium dissectum*), and filaree (*Erodium botrys*). Trees are scattered within the ditch and ruderal grassland, and include native species, blue oaks (*Quercus douglasii*) and black willow (*Salix gooddingii*), and a variety of nonnative species including palm (*Phoenix* spp.) and plum (*Prunus* spp.) trees. The roadside ditch is discussed in further detail in Section 4.2.

4.1.1 California Aquatic Resource Inventory

No California Aquatic Resources Inventory (CARI) resources are mapped on site (CARI, San Francisco Estuary Institute [SFEI] 2017) (Figure 2. *California Aquatic Resources Inventory Map*).

4.1.2 Soils

According to the Web Soil Survey (NRCS 2019a), one soil unit, or type, has been mapped within the Study Area, (142) Cometa-Ramona sandy loams, 1 to 5 percent slopes (Figure 3. *Natural Resources Conservation Service Soil Types*). This soil unit contains hydric inclusions (Alamo in depressions and Xerofluvents in drainageways) (NRCS 2019b).



Map Features

Project Limits - 4.68 acres

CARI Features

Fluvial Natural

Sources: ESRI, Kimley-Horn, NAIP 2016, CARI Data Version 0.3 (December 2017)



ECORP- N:\2016\2016-138.04 KH Washington Blvd All America City Blvd\MAPS\Jurisdictional_Delineation\WASHBLVD_CARI_20190321.mxd (JDS)-JSwager 4/4/2019

Map Date: 4/3/2019

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Scale in Feet
0 300

Figure 2. California Aquatic Resources Inventory

2016-138.04 Washington Blvd All America City Blvd

4.2 Aquatic Resources

A total of 0.114 acre of aquatic resources has been mapped within the Study Area (Table 2). The wetland determination data forms are included in Attachment B, and a list of plant species observed within the Study Area is included as Attachment C. A discussion of the aquatic resources is presented below, and the aquatic resources delineation map is presented in Figure 4. *Aquatic Resources Delineation*.

Representative site photographs are included as Attachment D. The USACE Operations and Maintenance Business Information Link Regulatory Module (ORM) aquatic resources table of potential Waters of the U.S. is included in Attachment E.

Table 2. Aquatic Resources

Type	Acreage[1]
Wetlands:	0.00
Non-Wetland Waters:	
Ditch	0.114
Total	0.114

[1]Acreages represent a calculated estimation and are subject to modification following the USACE verification process.

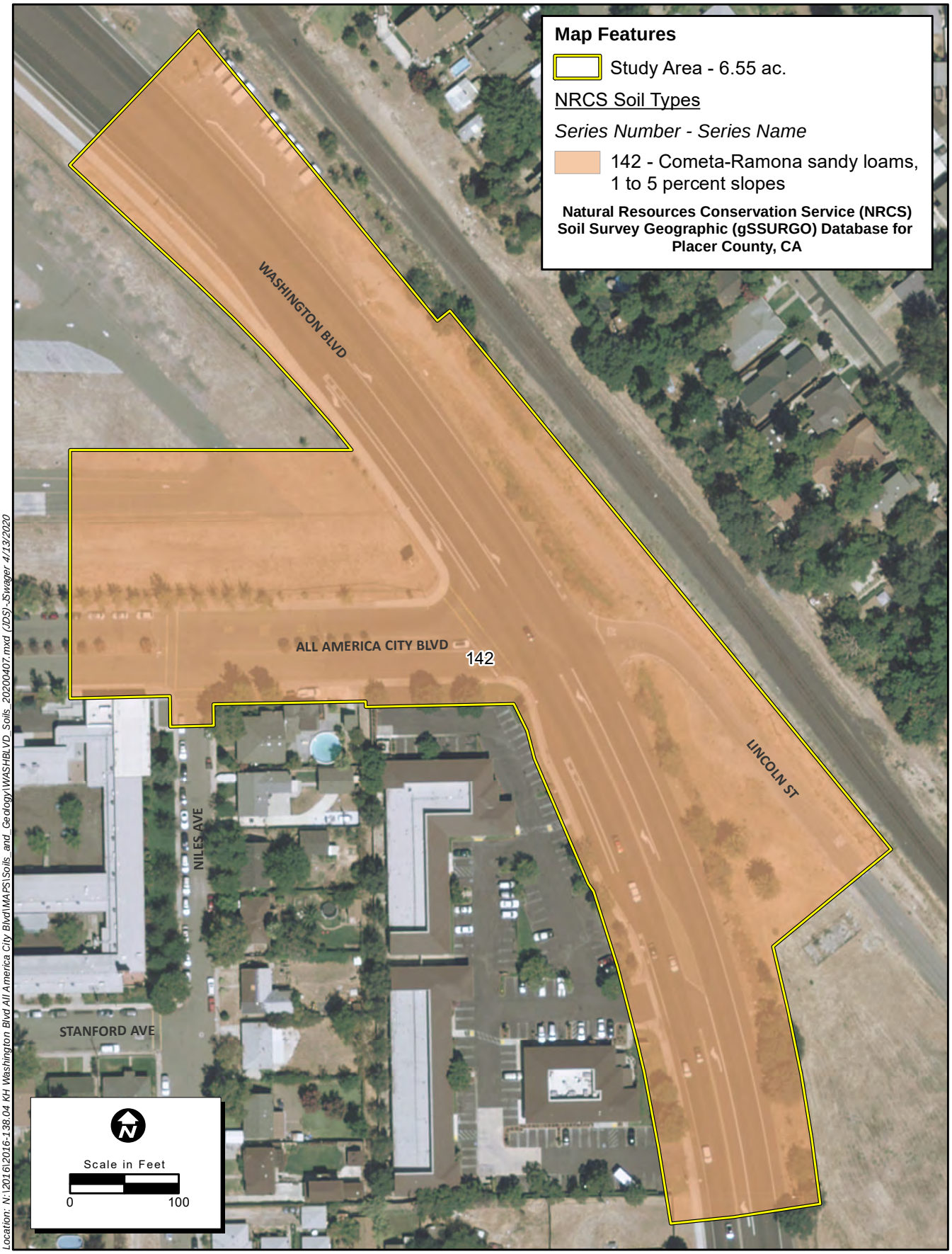
4.2.1 Non-Wetland Waters

Ditch

A roadside ditch is present in the ruderal area between Washington Boulevard, Lincoln Street, and the Union Pacific Railroad tracks. The ditch was vegetated in small patches within the Study Area but primarily unvegetated. During the field survey (March 21, 2019), there was anywhere from a few inches up to two feet of standing water in the ditch, but there was no flow. The ditch was delineated at the OHWM, which was identified in the field by changes in vegetation species composition. In reviewing aerial photography and topographical maps, the ditch appears to be have been constructed in uplands, drains only uplands, and does not carry relatively permanent flows of water.

5.0 JURISDICTIONAL ASSESSMENT

The applicant is requesting an AJD for the project. Potential Waters of the United States (U.S.) were delineated on March 21, 2019. A total of 0.114-acre of roadside ditch (potential Waters of the U.S.) were mapped within the Study Area; however, in reviewing aerial photography and topographical maps, the ditch appears to be have constructed in uplands, drains only uplands, and carries ephemeral flows of water. This is consistent with recent finding by the USACE for the same ditch immediately north of the project (associated with the Washington Boulevard/Andora Bridge Improvement project, SPK-2018-00108). The USACE determined the ditch as being non-jurisdictional and not a Water of the U.S. (Attachment F).



Location: N:\2016\2016-138.04 KH Washington Blvd All America City Blvd\MAPS\Soils_and_Geology\WASHBLVD_Soils_20200407.mxd (JDS) -KSwager 4/13/2020

Map Date: 4/13/2020
Sources: ESRI, City of Roseville (2019). Kimley Horn

Figure 3. Natural Resources Conservation Service Soil Types

2016-138.04 Washington Blvd All America City Blvd

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS



Map Features

- Study Area - 6.55 ac.
- Culvert
- Reference Coordinate (NAD83)

Three-criteria Sample Points

- Upland Point
- Waters Point

Aquatic Resources - 0.114 ac. [1] *

Waters

- Ditch - 0.114 ac.

Photo Source: City of Roseville, 2019
Boundary and Topo Source: Kimley-Horn
Delineator(s): K. Kwan
Coordinate System: NAD 1983 StatePlane California II FIPS 0402 Feet

[1] Subject to U.S. Army Corps of Engineers verification. This exhibit depicts information and data produced in accord with the wetland delineation methods described in the 1987 Corps of Engineers Wetland Delineation Manual and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region Version 2.0 as well as the Updated Map and Drawing Standards for the South Pacific Division Regulatory Program as amended on February 10, 2016, and conforms to Sacramento District specifications. However, feature boundaries have not been legally surveyed and may be subject to minor adjustments if more accurate locations are required.
** The acreage value for each feature has been rounded to the nearest 1/1000 decimal. Summation of these values may not equal the total potential Waters of the U.S. acreage reported.*



ECORP- N:\2016\2016-138.04 KH Washington Blvd All America City Blvd\MAPS\Jurisdictional_Delineation\WASHBLVD_ARD_20200407.mxd (JDS) JSwager 4/13/2020

Map Date: 4/13/2020

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Scale in Feet
0 100

Figure 4. Aquatic Resources Delineation

2016-138.04 Washington Blvd All America City Blvd

6.0 CONCLUSION

A total of 0.114 acre of aquatic resources have been mapped within the Study Area. This acreage represents a calculated estimation of the extent of aquatic resources within the Study Area. This same ditch immediately north of the Project was verified for the Washington Boulevard/Andora Bridge Improvement Project (SPK-2018-00108) as a non-jurisdictional aquatic resource.

7.0 REFERENCES

Baldwin, B. G., Goldman G. H., Keil D. J., Patterson R., Rosatti T. J., Wilken D. H. 2012. *The Jepson Manual; Vascular Plants of California, Second Edition*. Berkeley, CA: University of California Press.

CDEC. 2019. Lincoln (LCN) Hourly Data. Available online: http://cdec.water.ca.gov/dynamicapp/QueryF?s=LCN&d=21-Mar-2019+03:11&span=200days.

Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual. Technical Report Y-87-1 (On-line edition). Vicksburg, Mississippi: U.S. Army Engineer Waterways Experiment Station. p. 143. January 1987.

Lichvar, R. W., Banks D. L., Kirchner W. N., Melvin N. C. 2016. The National Wetland Plant List: 2016 wetland ratings. *Phytoneuron*. 2016:30:1-17. April 28, 2016.

Munsell Color. 2009. Munsell Soil Color Book. Munsell Color. Grand Rapids, Michigan.

NOAA, 2002. Monthly Station Normals of Temperature, Precipitation, and Heating and Cooling Degree Days, 1971-2000. NOAA, National Environmental Satellite, Data, and Information Service, National Climatic Data Center. Asheville, North Carolina.

NRCS. 2019a. Web Soil Survey. http://websoilsurvey.nrcs.usda.gov/. Accessed January 2019.

_____. 2019b. Soil Data Access Hydric Soils List. https://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/use/hydric/. Accessed January 2019.

_____. 2003. *National Soil Survey Handbook*. http://soils.usda.gov/technical/handbook.

NRCS, USGS, USEPA. 2016. Watershed Boundary Dataset for California. http://datagateway.nrcs.usda.gov.

SFEI. California Aquatic Resource Inventory (CARI) Version 0.3. 2017. http://www.sfei.org/data/california-aquatic-resource-inventory-cari-version-03-gis-data#sthash.0SjnlwfO.dpbs.

USACE. 2016. Minimum Standards for Acceptance of Aquatic Resources Delineation Reports. U.S. Army Corps of Engineers. p. 20. January 2016.

_____. 2008a. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region.

_____. 2008b. Regulatory Guidance Letter 08-02, Jurisdictional Determinations. June 26, 2008.

_____. 1992. Clarification and Interpretation of the 1987 Manual. Memorandum from Major General Arthur E. Williams. Dated 6 March 1992.

USACE and USEPA. 2015. Clean Water Rule: Definition of "Waters of the United States." Federal Register Vol. 80 No. 124, 33 CFR Part 328 (USACE), 40 CFR Parts 110, 112, 116, et al. (EPA). 75 pages. June 29, 2015.

USGS. 1992. "Pleasant Grove, California" 7.5-minute Quadrangle. In: Survey. G, editor. Denver, Colorado.

LIST OF ATTACHMENTS

Attachment A – Driving Directions to Study Area

Attachment B – Wetland Determination Data Forms - Arid West

Attachment C – Plant Species Observed Onsite

Attachment D – Representative Site Photographs

Attachment E – USACE ORM Aquatic Resources Table

Attachment F – Wetland Delineation Shape File (to be included with USACE submittal only)

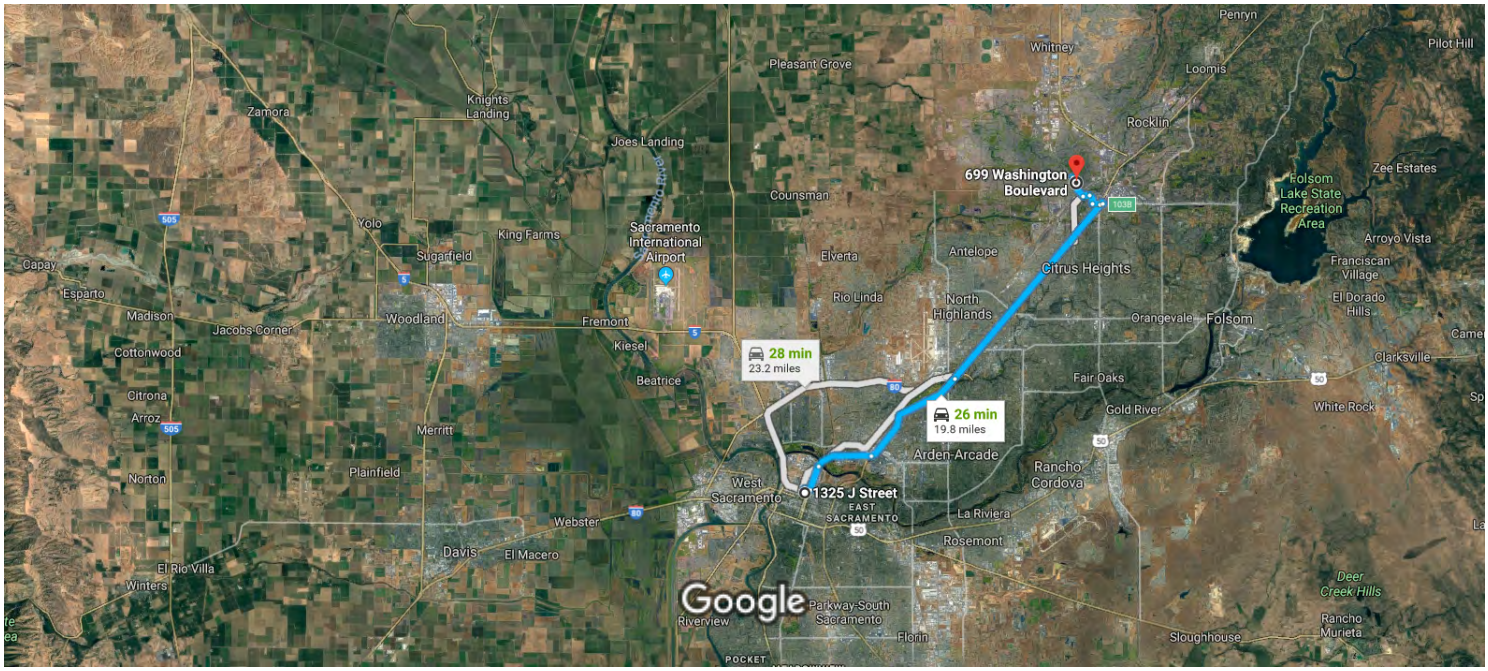
ATTACHMENT A

Driving Directions to Study Area

Google Maps

1325 J Street, Sacramento, CA to 699 Washington Blvd, Roseville, CA 95678

Drive 19.8 miles, 26 min



Imagery ©2019 Google, Map data ©2019 Google 2 mi

1325 J St

Sacramento, CA 95814

Take 16th St to CA-160 N/N Sacramento Fwy

5 min (1.4 mi)

1. Head west on Improv Alley toward 13th St

197 ft

2. Turn right onto 13th St

0.1 mi

3. Turn right at the 3rd cross street onto H St

0.2 mi

4. Use any lane to turn left at the 3rd cross street onto 16th St

1.0 mi

Take I-80BL E and I-80 E to Douglas Blvd in Roseville. Take exit 103B from I-80 E

15 min (16.1 mi)

5. Continue onto CA-160 N/N Sacramento Fwy

2.2 mi

6. Use any lane to merge onto I-80BL E

4.7 mi

7. Use the left 3 lanes to merge onto I-80 E toward Reno

9.0 mi

8. Take exit 103B for Douglas Blvd W

0.2 mi

Continue on Douglas Blvd. Take Folsom Rd to Old Hwy 65/Washington Blvd

6 min (2.3 mi)

9. Use any lane to turn right onto Douglas Blvd

Pass by Popeyes Louisiana Kitchen (on the left in 0.3 mi)

0.4 mi

10. Turn right onto Folsom Rd

0.4 mi

11. Turn left onto Sutter Ave

0.1 mi

12. Continue onto Lincoln St

289 ft

13. Turn left onto Oak St

351 ft

14. Keep right to continue toward Old Hwy 65/Washington Blvd

180 ft

15. Continue onto Old Hwy 65/Washington Blvd

Pass by 7-Eleven (on the left in 0.3 mi)

0.9 mi

16. Make a U-turn at Corporation Yard Rd

Destination will be on the right

0.3 mi

699 Washington Blvd

Roseville, CA 95678

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

ATTACHMENT B

Wetland Determination Data Forms - Arid West Region

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Washington Blvd/All-American City Blvd. RAB City/County: Roseville / Placer Co. Sampling Date: 3/21/2019

Applicant/Owner: City of Roseville State: CA Sampling Point: 1

Investigator(s): Keith Kwan Section, Township, Range: sec. 34, T. 11 North, R. 06 East

Landform (hillslope, terrace, etc.): excavated drainage Local relief (concave, convex, none): concave Slope (%): 1

Subregion (LRR): C Lat: 38.75674132 Long: -121.2881863 Datum: NAD83

Soil Map Unit Name: 142 Cometa-Ramona sandy loams, 1 to 5 percent slopes NWI classification:

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓ No _____	**Is the Sampled Area within a Wetland?** Yes ✓ No _____
Hydric Soil Present?	Yes _____ No ✓	
Wetland Hydrology Present?	Yes ✓ No _____	

Remarks:

roadside ditch; OHWM delineated at water marks, vegetation changes

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: _____)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 5'x10')			
1. Cyperus eragrostis	10	yes	FACW
2. Typha spp.	10	yes	OBL
3. Rumex crispus	1	no	FAC
4.			
5.			
6.			
7.			
8.			
	21 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust 0

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✓ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✓ No _____

Remarks:

open water comprises 80% of cover

SOIL

Sampling Point: 1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR3/1	100						silty clay

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** _____ **No** ✓

Remarks:

soil is made up of fine sediments

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ✓ Surface Water (A1)
- ___ High Water Table (A2)
- ✓ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ✓ Water Marks (B1) (**Riverine**)
- ✓ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ✓ No _____ Depth (inches): 20+

Water Table Present? Yes _____ No _____ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No _____ Depth (inches): _____

Wetland Hydrology Present? **Yes** ✓ **No** _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Washington Blvd/All-American City Blvd. RAB City/County: Roseville / Placer Co. Sampling Date: 3/21/2019

Applicant/Owner: City of Roseville State: CA Sampling Point: 2

Investigator(s): Keith Kwan Section, Township, Range: sec. 34, T. 11 North, R. 06 East

Landform (hillslope, terrace, etc.): hillsope Local relief (concave, convex, none): convex Slope (%): 5

Subregion (LRR): C Lat: 38.75674447 Long: -121.288169 Datum: NAD83

Soil Map Unit Name: NWI classification:

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No (If no, explain in Remarks.)

Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No

Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes	No ✓
Hydric Soil Present?	Yes	No ✓
Wetland Hydrology Present?	Yes	No ✓

Is the Sampled Area within a Wetland? Yes No ✓

Remarks:

upland adjacent to and above the OHWM of the roadside ditch

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size: 10'x10')			
1. Avena fatua	50	yes	N/L
2. Plantago lanceolata	5	no	FAC
3. Vicia spp.	10	no	N/L
4. Geranium dissectum	15	no	N/L
5. Cichorium intybus	1	no	FACU
6. Cynodon dactylon	10	no	FACU
7. Galium aparine	5	no	FACU
8. Erodium botrys	5	no	FACU
	101 = Total Cover		
Woody Vine Stratum (Plot size:)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 0 % Cover of Biotic Crust 0

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- Dominance Test is >50%
- Prevalence Index is ≤3.0[1]
- Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes No ✓

Remarks:

SOIL

Sampling Point: 2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-14	10YR3/3	100						silty clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ✓

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✓ Depth (inches): _____

Water Table Present? Yes _____ No ✓ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✓ Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

ATTACHMENT C

Plant Species Observed Onsite

Plant Species Observed Onsite

Scientific Name	**Common Name**
Avena fatua	Wild oat
Cichorium intybus	Chicory
Cynodon dactylon	Bermuda grass
Cyperus eragrostis	Tall flatsedge
Erodium botrys	Broadleaf filaree
Galium aparine	Stickyweed
Geranium dissectum	Cutleaf geranium
Plantago lanceolata	Buckhorn
Rumex crispus'	Curly dock
Typha spp.	Cattails
Vicia spp.	Vetch

ATTACHMENT D

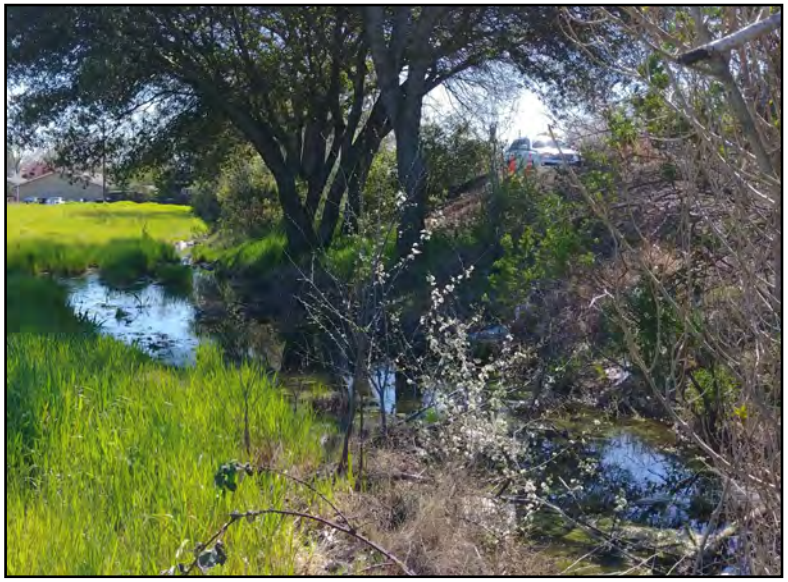
Representative Site Photographs



Ditch 1.



Ditch 2.



Ditch 3.

ATTACHMENT E

USACE ORM Aquatic Resources Table

Waters_Name	State	Cowardin_Code	HGM_Code	Meas_Type	Amount	Units	Waters_Type	Latitude	Longitude	Local_Waterway
DITCH-3	CALIFORNIA	R6	RIVERINE	Area	0.071	ACRE	ISOLATE	38.75622694	-121.2879528	
DITCH-1	CALIFORNIA	R6	RIVERINE	Area	0.010	ACRE	ISOLATE	38.75761123	-121.2887219	
DITCH-2	CALIFORNIA	R6	RIVERINE	Area	0.033	ACRE	ISOLATE	38.75726199	-121.2885748	

ATTACHMENT F

Wetland Delineation Shape File (to be included with USACE submittal only)

Appendix C

Cultural Resources Report

ARCHAEOLOGICAL SURVEY REPORT

Washington Boulevard at All America City Boulevard (WAAC) Roundabout Project

Federal Project No. CML 5182(079)

Approved By: _____ Date: _____

Lara Loeffler, Environmental Branch Chief
California Department of Transportation – District 3
703 B Street
Marysville, CA 95901

Reviewed By: _____ Date: _____

Lisa Machado
PQS: PI-Historical Archaeology and Co-PI Prehistoric Archaeology
California Department of Transportation – District 3
703 B Street
Marysville, CA 95901

Prepared By: _____ Date: _____

Trish Fernandez, M.A., RPA
InContext
4070 Bridge Street, #7
Fair Oaks, CA 95628

National Archaeological Data Base Information
USGS 7.5' Quadrangle(s); Roseville, **Area Covered**: Approximately 5.5 acres

May 2020

TABLE OF CONTENTS

SUMMARY OF FINDINGS 1
INTRODUCTION 3
Project Location and Description 3
Area of Potential Effects 3
SOURCES CONSULTED 4
Records Search and Literature Review 4
Previous Studies *4*
Recorded and Potential Sites within the APE and 1/2-mile Buffer *5*
Historical Societies 6
Native American Heritage Commission 6
Native American Contacts 7
background 8
Environment 8
Geology and Soils *8*
Flora and Fauna *8*
Cultural Setting 9
Ethnography *9*
Prehistory *10*
History *12*
FIELD METHODS 15
STUDY FINDINGS AND CONCLUSIONS 16
REFERENCES CITED 17

TABLES

1. Maximum Depth of Disturbance
2. Previous Studies and Survey Coverage
3. Previously Identified Resources and Location Relative to APE
4. List of Structures

FIGURES

1. Study Vicinity
2. Study Location
3. Area of Potential Effects

APPENDICES

A. Records Search
B. Communication / Outreach

SUMMARY OF FINDINGS

The City of Roseville (City), in coordination with the California Department of Transportation, proposes the Washington Boulevard at All America City Boulevard Roundabout Project in the City of Roseville. The proposed project will receive federal funding; therefore, the studies for this undertaking were carried out in a manner consistent with Caltrans' regulatory responsibilities under Section 106 of the National Historic Preservation Act (36 CFR Part 800) and pursuant to the January 2014 *First Amended Section 106 Programmatic Agreement among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, and the California Department of Transportation regarding compliance with Section 106 of the National Historic Preservation Act.* The project proposes to construct a multi-lane roundabout at the Washington Boulevard and All America City Boulevard Intersection (Figures 1-3).

The archaeological Area of Potential Effects (APE) occupies approximately 5.5 acres and is restricted to the existing right-of-way except for temporary use of a portion of parcel 011-030-006-000 (owned by the Placer County for its fairgrounds), which is solely to be used for equipment staging (Figure 3). Land use outside the APE and adjacent the right-of-way consists of urban development including the Placer County Fair Grounds, suburban residential, Bradford Woodbridge Elementary School, several small businesses, and the Southern Pacific Railroad line. Ground-disturbing activities associated with the project include demolition of existing roadways and hardscape and excavation to maximum depths of 2 and 3 feet. Excavation may result in the existing underground utilities to be adjusted for grade. These utilities include electrical, telephone, and cable. Five utility/light poles will be replaced to comply with new lighting standards. The drainage ditch on the eastern side of Washington Blvd and north of Lincoln Street will be altered for improved drainage via a properly graded underground conduction system due to seasonal water accumulation and subsequent stagnation.

The purpose and scope of the archaeological survey report is to document efforts to identify cultural resources within the APE. Efforts to identify cultural resources for this project consisted of a records search and literature review, outreach to historical societies and tribal entities in compliance with Section 106 of the National Historic Preservation Act (Section 106), and an intensive pedestrian survey of the APE limits.

The records search identified one cultural resource within the APE, a segment of old State Highway 3, a.k.a. Lincoln Highway (P-31-3672). Visual inspection of 100% of the APE was unconstrained. No historic properties as defined by Section 106 were identified as a result of the investigation.

It is Caltrans' policy to avoid cultural resources whenever possible. Further investigations may be needed if an identified site cannot be avoided by the project. If buried cultural materials are

encountered during construction, it is Caltrans' policy that work stop in that area until a qualified archaeologist can evaluate the nature and significance of the find. In the event that human remains or associated funerary objects are encountered during construction, all work will cease within the vicinity of the discovery. In accordance with the California Environmental Quality Act (CEQA) (Section 1064.5) and the California Health and Safety Code (Section 7050.5), the appropriate county coroner will be contacted immediately. If the human remains are determined to be Native American, the coroner will notify the Native American Heritage Commission, who will notify and appoint a Most Likely Descendent (MLD). The MLD will work with a qualified archaeologist to decide the proper treatment of the human remains and any associated funerary objects. Additional survey will be required if the project changes to include areas not surveyed.

INTRODUCTION

The investigation for this Archaeological Survey Report (ASR) consisted of a records search and literature review, outreach to local historical societies and Native American Tribes and individuals, and an intensive pedestrian survey. This study was conducted by and under the direction of Trish Fernandez, M.A., RPA, who meets the Secretary of Interior's Professional Qualification Standards for Archaeology, History, and Architectural History. Ms. Fernandez earned her B.A. and M.A. in Anthropology with an emphasis on Archaeology. She has over 25 years' experience conducting and directing cultural resources projects in northern California. Her experience includes work in historical archaeology, prehistoric archaeology, ethnography, and architectural history.

Project Location and Description

The City of Roseville (City) proposes to construct a multi-lane roundabout in coordination with Caltrans [CML-5182(079)]. The Project area is in the City of Roseville at the intersection of Washington Boulevard and All America City/Lincoln Street (Figures 1-3). The area is urbanized and includes the Placer County Fair Grounds, suburban residential, Bradford Woodbridge Elementary School, several small businesses, and the Southern Pacific Railroad line.

The proposed project consists of constructing a multi-lane roundabout at the intersection of Washington Boulevard and All America Boulevard/Lincoln Street. These activities have the potential to affect historic properties if any exist within the APE. The Project area is restricted to the existing County right-of-way (ROW) and 013-250-001-000. ROW is not required for 011-030-006-000 for use as the project equipment staging area.

Area of Potential Effects

The Area of Potential Effect (APE) encapsulates the maximum area needed for the construction of the proposed project including all areas of ground disturbance. The maximum horizontal extent of the APE is approximately 1189 feet (north/south) by 700 feet (east/west), which includes approximately 90 feet of maximum road right-of-way width, comprising a total of approximately 5.5 acres encompassing parts of 011-060-ROW-000, 011-062-ROW-000, 013-250-ROW-000, and 013-250-001-000 with the southeastern corner of 011-030-006-000 to be used for staging equipment (Figure 3). The expected maximum depths of disturbance for each of the ground-disturbing activities are provided in Table 1.

Table 1. Maximum Depth of Disturbance

Component	Maximum Depth in Feet	Location
Section A-A	3	Washington Blvd, south of RAB
Section B-B	2	Washington Blvd, RAB
Section C-C	2	Washington Blvd, north of RAB
Section D-D	2	All American City Blvd
Section E-E	2	Lincoln Street

SOURCES CONSULTED

Records Search and Literature Review

On March 20, 2019, a record search for the project was completed by the North Central Information Center at California State University, Sacramento (Appendix A). The records search included a search of previously identified sites and surveys present within the APE and a 1/2-mile radius of the APE. In addition to the official records and maps for archaeological sites and studies, historical literature and maps and the following sources were reviewed:

- Directory of Properties in the Historic Property Data File for Placer County (CA OHP 2012a)
- Archaeological Determinations of Eligibility (CA OHP 2012b)
- California Historical Resources (CA OHP 2013)
- California Place Names (Gudde 1998)
- Historic Spots in California, 5th Edition (Hoover et al. 2002)
- Historical Atlas of California (Beck and Haase 1974)
- Handbook of the Indians of California (Kroeber 1925)
- California Archaeology (Moratto 1984)
- California Prehistory (Jones and Klar, editors 2010)
- General Land Office survey plats (GLO 1855, 1872a, 1872b)
- USGS Maps (1910, 1953, 1967a,1967b, 1992)
- Geologic Map of San Jose (Rogers 1966)
- Soil Survey Maps (UC Davis Soil Resource Laboratory 2005)

Previous Studies

The records search indicates that two cultural resources studies have been conducted within the APE (Arrington 2006; Windmiller 2009). Within the larger ½-mile search radius five cultural resources studies have been conducted (Feldman 2003; Fuerstenberg et al. 2014; Maniery and Maniery 1986; Morehouse and Rom 2015; St. Claire 2004). The records search results indicate that 3% of the APE and 5% of the ½-mile search radius outside the project area has been subject to pedestrian survey.

Table 2. Previous Studies and Survey Coverage

Study Number	Citation	Survey Type within APE or 1/2-mile radius	% coverage within APE	% coverage within 1/2-mile radius of APE
00274	Maniery and Maniery 1986	Archaeological Survey	0%	2%
006050	St. Clair 2004	Archaeological Survey	0%	<1%
006675	Feldman 2003	Architectural Survey	0%	0%
008619	Arrington 2006	Monitoring	2%	0%
010041	Windmiller 2009	Archaeological Survey	1%	0%
012441	Morehouse and Rom 2015	Records Search	0%	0%
012461	Fuerstenberg et al. 2017	Archaeological and Architectural Survey	0%	3%

Cultural Resources within the APE

Lincoln Street (P-31-3672)

The records search identified one cultural resource within the APE, Lincoln Street (P-31-3672). This is not part of the Lincoln Highway, which follows Vernon Street through Roseville. Rather, it is the remnant of the Roseville to Lincoln Road, which paralleled the Southern Pacific Railroad tracks (USGS 1910). The southern end of Lincoln Street begins at its intersection with Pacific Street at the southeast corner of historic downtown Roseville. From there, it heads northwest to intersect with Church and Main streets, then north until it meets with Pleasant Street, where it veers northeast again to meet All American City Blvd, at which point it is no longer a maintained roadway. A defunct section of the road extends north past All American City Blvd for approximately 500 ft, along the course of which it transitions from patchy asphalt to dirt. The portion of P-31-3672 within the APE is a total of 630 ft in length, 500 ft of which is the unmaintained portion.

This resource appears to meet the criteria for Properties Exempt from Evaluation, per Attachment 4 of the PA. Specifically, the 500 ft unmaintained section of the road meets the criteria of Property Type 1: Minor, ubiquitous, or fragmentary infrastructure elements as an isolated segment of bypassed road. The remaining 100 ft of maintained roadway within the APE meets the criteria of Property 3: Buildings, structures, objects, districts, and sites so altered as to appear less than 30 years old. This resource is not listed in a local survey of historic properties. As a result, P-31-3672 is exempt from evaluation and need not be considered further.

Cultural Resources within the ½-mile Buffer

Six resources have been identified within the larger ½-mile radius. These consist of two residential streets, Los Vegas Avenue (P-31-6138/CA-PLA-2644H) and Lawton Road (P-31-6139/CA-PLA-

2645H), the Union Pacific Railroad Line (P-31-816/CA-PLA-690H), the Sierra Bridge (P-31-3747), Old Town Roseville (P-31-4240), and the Floriculture building on the Placer County Fairgrounds (P-31-6140). These six resources are not within the APE and will not be directly or indirectly affected by the project (see Table 2 for locations relative to the APE and NRHP/CRHR eligibility status.

Table 3. Previously Identified Resources outside the APE and within ½-mile Buffer

Resource ID	Resource Name	Location Relative to APE	NRHP / CRHR status
P-31-816/CA-PLA-690H	Union Pacific Railroad	Northeast of APE	Unknown
P-31-3747	Sierra Bridge	Southeast of APE	Recommended eligible for NRHP under Criterion A (Myra L. Franks and Associates 2003); CRHR status unknown
P-31-4240	Old Town Roseville	Southeast of APE	Unknown
P-31-6138/CA-PLA-2644H	Los Vegas Avenue	West of APE and south of County Fairgrounds	Recommended not eligible for NRHP or CRHR (ECORP 2017)
P-31-6139/CA-PLA-2645H	Lawton Road	West of APE and east of County Fairgrounds	Recommended not eligible for NRHP or CRHR (ECORP 2017)
P-31-6140	Floriculture building at Placer County Fairgrounds	West of APE in County Fairgrounds	Recommended not eligible for NRHP or CRHR (ECORP 2017)

Historical Societies

In an effort to determine if any unknown historic-period resources could be affected by the project, a letter was mailed to both the City of Roseville Historical Society and the Placer County Historical Society on April 4, 2019 (Appendix B). No responses to the letters were received. On April 23, 2019, an email, with the letter and map as attachments, was sent to follow-up with the historical societies. No response has been received from the email to date.

Native American Heritage Commission

On March 18, 2019, InContext requested a Sacred Lands File search, CEQA Tribal Consultation List, and Section 106 consultation outreach list from the Native American Heritage Commission (NAHC) (Appendix B). On March 28, 2019, the NAHC responded that their search of the Sacred Lands File returned negative results. The NAHC also provided detailed instructions to comply with AB52 and a Native American Consultation List for Placer County.

Native American Contacts

On April 8, 2019, InContext mailed Section 106 outreach letters to the tribes included on the NAHC Native American Consultation List. These consisted of the Colfax-Todds Valley Consolidated Tribe, Shingle Springs Band of Miwok Indians, Tsi Akim Maidu, United Auburn Indian Community of the Auburn Rancheria, and the Washoe Tribe of Nevada and California (Appendix B).

On April 23, 2019, InContext sent follow-up emails to each of the tribes that were sent letters. The follow-up contact was to ensure that the letters were received and to inquire if there were any concerns regarding the project. On May 23, 2019, Darrel Cruz, Director of the Tribal Historic Preservation Office, Washoe Tribe of Nevada and California, responded via email that the tribe did not have an interest in the proposed project at this time. No response has been received from any of the other tribes to date.

BACKGROUND

Environment

The project area is located in the eastern Sacramento Valley, which is part of the Great Valley Geomorphic Province of California, more commonly referred to as the Central Valley (Harden 1998). The Sacramento Valley is a large north-south-running basin in the central part of California and is made up largely of alluvium several hundred feet deep, from the Sierra Nevada Range to the east, the Southern Coast Ranges to the west, and, to some degree, the Tehachapi Mountains to the south (Rogers 1966).

Geology and Soils

The project area is situated in Placer County within the foothills of the Sierra Nevada mountain range at an elevation of approximately 165 feet above mean sea level (amsl). This region is characterized by a Mediterranean climate with wet winters and dry summers. Topography within and surrounding the project vicinity is relatively flat with slopes ranging from 1-5 percent. Soils in the project area consist of the Cometa-Ramona Series, which are characterized by deep, well drained, sandy loam. These soils are formed in alluvium from predominantly granitic sources with Cometa soils found on slightly dissected older stream terraces and Ramona soils on younger terraces and fans. Cometa soils typically have a surface layer of sandy loam about 18 inches thick that is on top of a 10-inch layer of clay. Below this the soil is compacted sandy loam with very slow permeability. Ramona soils typically have a surface layer of light brown to brown sandy loam about 14 inches thick that is on top of a 41-inch subsoil layer of yellowish red sandy clay loam with slow permeability. Cometa and Ramona soils are both slightly acidic to neutral (pH of 6.1 to 7.0) resulting in relatively good conditions for artifact preservation (UC Davis 2005).

Flora and Fauna

The natural plant community of the project area is referred to as the California Prairie (Küchler 1977), which is dominated by grassland and punctuated with large valley oaks. It was once an area of numerous marshes or frequent overflow from waterways (Storer and Usinger 1966; Beck and Haase 1974). This community consists of dense to moderately open bunchgrasses with many forbs. Other vegetation known to inhabit this community are goldfield (*Baeria chrysostoma*), California poppy (*Eschscholtzia californica*), birds eye (*Gilia tricolor*), annual lupine (*Lupinus bicolor*), butter lupine (*L. lueteolus*), owls clover (*Orthocarpus* spp.), johnnytuck (*O. erianthus*), popcorn flower (*Plagiobothrys nothofluvus*), Indian clover (*Trifolium* spp.), Pale sack clover (*T. amplectens*), dwarf sack clover (*T. depauperatum*), and pinpoint clover (*T. gracilentum*) (Barbour and Major 1977).

The native inhabitants made use of plant resources for sustenance and as raw materials for basketry, home construction, and the manufacture of other material goods. The Nisenan practiced an annual clover (*Trifolium spp.*) harvest which coincided with their annual gathering in spring. Cattail (*Typha spp*.) roots and stems were eaten, with the leaves used to make mats for bedding and seating. Tule or Bulrushes (*Schoenoplectus spp*.) were also gathered for these purposes as well as for basketry, clothing, and for boat construction. The Nisenan also cooked goosefoot (*Chenopodium spp*.) whole in earthen ovens. Wild tobacco (*Nicotiana spp*.) were gathered, dried, and smoked (Lightfoot and Parrish 2009).

Historically, the region was home to a variety of terrestrial game such as black-tail deer (*Odocoileus hemionus columbianus*), tule elk (*Cervus elaphus nannodes*), pronghorn (*Antilocapra americana*), and grizzly bear (*Ursus arctos*) (Beck and Haase 1974). Other fauna inhabiting this region during the prehistoric and protohistoric periods include black bear (*Ursus americana*), beaver (*Castor canadensis*), raccoon (*Procyon lotor*), skunk (*Mephitis mephitis*, *Spilogale putorius*), fox (*Urocyon cinereoargenteus*), and coyote (*Canis latrans*). Terrestrial avifauna such as quail (*Callipepla californica*), flicker (*Colaptes aura*), woodpeckers (*Picidae*), owls (*Tytonidae* and *Strigidae*) and buzzards (*Cathartes aura*) also lived in the vicinity. Coyote (*Canis latrans*), black-tailed jackrabbit (*Lepus californicus*), cottontail/brush rabbit (*Sylvilagus sp*.), as well as numerous rodents still inhabit these environs (Moratto 1984).

The Nisenan fished for white sturgeon (*Acipenser transmontanus*), Sacramento sucker (*Catostomus occidentalis*), and Chinook Salmon *(Oncorhynchus tshawytscha*) among others and collected shellfish, namely freshwater clams (Family *Sphaeriidae*), freshwater Pearl Mussel (*Margaritifera margaritifera*) and Western Ridged Mussel (*Gonidea angulate*). Apart from the aforementioned terrestrial game, namely black-tailed deer, tule elk, pronghorn, black bear, and varieties of rabbits, the Nisenan also trapped gophers (Family *Leporidae*), hunted Bobcat (*Lynx rufus*), and Mountain Lion (*Puma concolor*) (Wilson and Towne 1978; Lightfoot and Parrish 2009).

Cultural Setting

Ethnography

The native inhabitants of the project region are the Nisenan (a.k.a. Southern Maidu). This tribe called an expansive area home; Nisenan territory traditionally stretched from the west bank of the Sacramento River to about the 3500-foot elevation in the Sierra Nevada, north to about the Middle Fork Feather River, and south to about the Cosumnes River (Wilson and Towne 1978).

The Nisenan occupied permanent settlements from which specific task groups set out to harvest the seasonal bounty of flora and fauna that the rich valley environment provided. The Valley Nisenan economy involved riverine resources, in contrast to the Hill Nisenan, whose resource base consisted primarily of acorn and game procurement. The only domestic plant was native tobacco (*Nicotiana* spp.), but many wild species were closely husbanded. The acorn crops from the blue

(*Quercus douglasii*) and black oaks (*Q. kelloggii*) were carefully managed, producing enough to be used throughout the year. Deer, rabbit, and salmon were the chief sources of animal protein in the Nisenan diet, but other insects and animal species were taken as well.

The locations of Nisenan settlements seem to have been chosen for their exposure to sunlight and proximity to water and other resources. Permanent villages were usually located on low rises along major watercourses. The nearest ethnographically recorded village to the project area is *Pitchiku*, near present-day Roseville (Littlejohn 1928).

Village size ranged from three houses to up to 40 or 50. Houses were domed structures covered with earth and tule or grass and measured 10 to 15 feet in diameter. Brush shelters were used in the summer and at temporary camps during seasonal food gathering. Larger villages often had semi-subterranean dance houses, which were covered in earth and tule or brush, had a central smoke hole at the top, and an entrance that faced east. Another common village structure was a brush granary used for storing acorns (Wilson and Towne 1978).

The Nisenan had no extensive contact with Euroamericans until between 1828 and 1836, when intensive fur trapping by the Hudson's Bay Company occurred in the region. In 1833, an epidemic (possibly malaria) killed from 50 to 75% of the entire Maidu population. The establishment of Sutter's Fort in Nisenan territory in 1839 became the focal point of foreign incursions into their homeland after the 1848 gold discovery. The population reduction resulting from the 1833 epidemic left Nisenan unable to resist the overwhelming flood of miners and settlers. Many of the few survivors became wage laborers in mines and on ranches; their language and culture greatly diminished. Descendants of the Nisenan remain in the area, however, and continue to carry on traditional practices. Many individuals and groups are active in the preservation of their culture and the places we refer to as archaeological sites.

Prehistory

The project area falls within the central California prehistoric sequence, which is divisible into a broad framework of five temporal periods: Paleo-Indian; Lower Archaic; Middle Archaic; Upper Archaic; and Emergent.

Paleo-Indian

During the late Pleistocene and early Holocene (12,000 to 8,000 years before present (B.P.)), humans first occupied the Central Valley and Coast Range regions of California. However, little is known about life during this early period because evidence of occupation is sparse, having been eroded away or deeply buried under accumulated gravels and silts. Consequently, the development of prehistoric chronology in central California largely has been focused upon the latter half of the Holocene (i.e., the last 5,000 years) for which the archaeological record is more abundantly documented (cf., papers in Hughes 1994; Milliken et al. 2007; Moratto 1984: Chapters 5 and 6; Rosenthal et al. 2007).

Flaked stone tools associated with the early part of the Paleo-Indian Period (i.e., 12,000-10,000 B.P.) have been found in northern California (Moratto 1984; Rondeau et al. 2007). They include large Clovis-like fluted points that likely were hafted and used as spear points. In northern California, fluted points tend to be found as isolated artifacts (Moratto 1984; Rondeau et al. 2007). Elsewhere in western North America, they occur in association with the remains of extinct animals such as mammoths and bison. This association has led archaeologists to suggest that these early peoples emphasized hunting large game mammals. Paleo-Indian peoples appear to have formed relatively small groups, were highly mobile, and settled around wetlands (e.g., lakes and rivers) where large game congregated.

Lower Archaic. Like the previous period, the Lower Archaic (8000-5000 B.P.) is poorly understood. Few sites have been found due to the fact that evidence from this time period is largely buried, given the depositional environment. Meyer and Rosenthal (1997) discovered a buried component in the Kellogg Creek drainage, at the toe of Mount Diablo, at a depth of about 13 feet below surface. It yielded a sparse but diverse assemblage, including traces of freshwater mussel, low to moderate densities of faunal material (primarily artiodactyls and small mammals), handstones, millingslabs, large cobble-core tools, and large projectile points and biface fragments (including large wide-stem variants of Napa obsidian). This assemblage reflects long-term, periodic use of the eastern flanks of the Central Valley. Macrofloral remains (acorn and wild cucumber) indicate only short-term seasonal use, probably associated with a highly mobile adaptation. In the Lower Sacramento Valley, Tremaine (2008) encountered a site from this period, in downtown Sacramento, ranging from 10 to 20 feet below the surface.

Middle Archaic. The Middle Archaic Period (5,000-2,200 B.P.) is identified as one that emphasized hunting, evidenced by the relative proportions of tools representative of hunting, fishing, and gathering activities. Artifacts characteristic of this period include distinctive shell ornaments and charmstones, large projectile points with concave bases and stemmed points, baked clay balls (used for cooking) and milling tools. Net weights, bonefish hooks, and bone spear tips provide evidence for fishing (Bennyhoff 1950; Ragir 1972). Burials of this period, in the Sacramento – San Joaquin Delta Region, tend to be extended, oriented towards the west, and often contain grave goods such as baked clay balls, charmstones, shell beads, and exotic minerals.

Upper Archaic. Sites associated with the Upper Archaic Period (2,200-1,000 B.P.) contain substantial midden deposits with shell, mammal and fish bone, charcoal, milling tools, and other artifacts. The number of mortars and pestles increases during this time, suggesting a greater reliance on acorn and nuts. A greater density of obsidian artifacts and shell beads are present in the site assemblages of this time period and is thought to indicate a greater complexity of exchange networks and social stratification. Burials are more often flexed, as opposed to extended, with varied orientations and notably fewer grave offerings, generally involving limited numbers of utilitarian items or ornamental objects (Fredrickson 1973).

Emergent. The Emergent Period dates between 1,000 B.P. and the arrival of the Spanish in central California (i.e., 1770s) (Fredrickson 1973). This period involves a dramatic change in general economy, characterized by large village sites situated on high ground, increased evidence of acorn

and nut processing, introduction and use of the bow and arrow (indicated by small projectile points), and use of clamshell disc beads as the primary medium of exchange. During the latter part of the period (i.e., within the last 500 years), cremation became a common mortuary practice; grave goods were often burned as well. Sites from the latter portion of this period sometimes include items of Euroamerican manufacture, such as glass trade beads or worked bottle glass.

History

Placer County

Placer County was officially established on April 25, 1851. Prior to this, the land that would make up Placer County belonged to two of the original 27 counties that made up California: Yuba and Sutter Counties, which were established the previous year. Auburn was originally the county seat of Sutter County. With the formation of Placer County, Auburn found itself no longer part of Sutter County, but continued to serve as the county seat for Placer County. Part of the "Motherlode Country" or "Gold Country" as parts of California are known by due to their connection to the Gold Rush of 1849 and subsequent mining industries, Placer County was named after "placer mining." Placer mining entailed alluvial or "stream bed" mining in which precious mineral deposits, namely gold, having been moved from their original larger lode or vein source by stream flow and then enmeshed in alluvial sands, were recovered hydraulically by washing away the lighter sands from the heavier metals (Angel 1882).

City of Roseville

The beginnings of what would become the City of Roseville started in the later days of the Gold Rush. The low, flat plains region on which the town of Roseville would eventually be built was initially ignored by the newly arriving goldminers who assumed the area was devoid of gold deposits. After months or sometimes years of frustration with trying to scratch out a living with placer mining, many miners drifted back to their original occupations. This workforce consisted of storekeepers and merchants, blacksmiths and tradesmen, ranchers, and farmers, many of whom saw the potential in the previously ignored plains region with its rich and fertile agricultural land. Four agricultural districts sprung up; the Dry Creek District, the Pleasant Grove District, Spring Valley Ranch, and the San Juan Grant (Davis 2002).

Initially an agricultural settlement, the region was soon transformed by the arrival of the railroads. On January 29, 1864 the first 18 miles of the Central Pacific's section of the Transcontinental Railroad intersected with the California Central Railroad at Tobias S. Grider's ranch. The site would become known as "Junction." Shortly thereafter, O. D. Lambard, one of Judah's first investors in the Transcontinental Railroad, observed the surrounding area of Junction and determined that it was a prime location for a railroad center and town. He quickly purchased Grider's Ranch for $2,500 and drew up a town layout of 55 blocks. At the Placer County Recorder's Office in Auburn on August 13, 1864, the plat of the newly named town of Roseville

was filed as “Plan of the Town of Roseville at the Junction of the Central Pacific and California Central Rail Road” (Roseville Historical Society 2010). Only five of the streets were named; Atlantic, Pacific, Lincoln, Grant, and Washington (Davis 1964).

Roseville continued to develop, albeit slowly, for the next 40 years as a railroad town. In 1905 the Southern Pacific Railroad, dissatisfied with the limited potential for facility expansion in the city of Rocklin, relocated their operations to Roseville, a decision that would transform Roseville from a sleepy railroad town into a bustling railroad city. Construction of the new railroad switching lines and repair yards began the following year in what was called the “Big Move,” a process that would take two years (Davis 1964). Akin to the Gold Rush, people flocked to Roseville initially to get railroad and construction jobs and later to turned to establishing businesses in the community. Greek and Italian immigrants, as well as survivors of the 1906 San Francisco earthquake soon populated Roseville.

By 1908, the people of Roseville moved to incorporate into a city, much to the chagrin of the Southern Pacific. The railroad feared losing control over their newly constructed rail facilities, as they were so intertwined with the heart of Roseville. A compromise was struck between Roseville and the Southern Pacific; Roseville would incorporate as a city, but it would exclude property upon which the Southern Pacific Railyards occupied. On April 2, 1909 Roseville became the City of Roseville (Davis 1964).

Since the early 1900s, Roseville has been a railroad city closely tied with the Southern Pacific Railroad, the Union Pacific Railroad, and Pacific Fruit Express (P.F.E.). In 1908, a joint venture was entered into by the Southern Pacific and Union Pacific with the creation of Pacific Fruit Express, an ice and refrigeration car fleet to provide transportation for agricultural good to the east coast. By 1909, the PFE Ice Plant was producing 250 tons of ice a day and by 1920, it was the largest artificial ice plant in the world. Despite the railroads being the largest employers in Roseville, the railyards also had a negative impact on the city. Atlantic Street on the south side of the tracks had to be moved further southeast to accommodate the expansion. The result was the razing of one Roseville’s business districts. In 1911, Pacific Street on the north side of the railyards burned. This business district was quickly rebuilt into a sleazy neighborhood of saloons, gambling halls, and at least one brothel (Davis 2002).

In 1924, the Southern Pacific began expansion of the P.F.E. facilities which included a second artificial ice plant, relocation of the P.F.E. shops onto 200 newly acquired acres between Roseville and Antelope, and 77 new miles of track. By 1927, construction and renovations were complete making Roseville the largest freight terminal west of the Mississippi River (Davis 2002).

During World War II, Roseville’s population declined 20% due to the draft and volunteering. Approximately 25% of P.F.E. employees were called up to serve in the military. To deal with the labor shortage, the railyards turned to railroad retirees, high school students, women, Native Americans, and Mexican Nationals. During the war years, the railyards saw up to 7,055 freight and military transport cars in a single day (Davis 2002).

Post-war construction saw another expansion which increased capacity to 9,000 cars a day, the elimination and replacement of the steam engines with diesel, and the razing of the old steam engine roundhouses. Ice production at P.F.E. was increasingly becoming more automated reducing the summer labor force from 400 to 150. By 1973, all of the Southern Pacific's cars were self-refrigerating resulting in the obsolescence of the ice plants which were torn down the following year (Davis 2002).

In 1973, the Southern Pacific Railyard sustained significant damage when a boxcar carrying aircraft munitions caught fire and exploded, causing a series of blasts that spread from boxcar to boxcar. Damage from the explosions was recorded in nearby Citrus Heights and North Highlands, and the small town of Antelope was leveled (Davis 2002). As late as 1997, unexploded ordinance from the 1973 explosion had been found during renovations by Union Pacific personnel (Howard 1997).

Project Area Development

The original 1855 survey plat map encompassing the project area is devoid of any roads, buildings, ranches, or farms (BLM 1855). A search for land patents within the project area yielded the names of two patent holders; Alexander Kerr and Archibald McAllister. Alexander Kerr acquired an Agricultural Strip Patent (Patent No. AGS-0330-095) on January 15, 1872 for 160 acres in the N ½ of SW ¼ of Township 11 North and Range 6 East of Section 34, just to the west of the current intersection (GLO 1872a). The patent was cancelled due to document imperfection and reissued (Patent No. AGS-0359-165) for the same area on December 5, 1872 (GLO 1872b).

Archibald McAllister also acquired an Agricultural Strip Patent (Patent No. AGS-0330-162) on January 15, 1872 for 160 acres in the S ½ of SE ¼ of Township 11 North and Range 6 East of Section 34, just south of the project area (GLO 1872c). The patent was cancelled due to document imperfection and reissued (Patent No. AGS-0359-205) for the same area on December 5, 1872 (GLO 1872d).

The 1910 United States Geological Survey map of the area shows only the Southern Pacific Railroad line and four buildings to the west of the railroad line within the project area. The City of Roseville as plotted on the map is to the south and west of the area and the area to the north and west are open with no structures or indications of ranches or farms. By 1953 three of the four buildings that were on the 1910 map are gone with the area appearing as a small triangle bounded on the west by Interstate 99 (later maps show this as State Highway 65 although by 1992 it was Washington Boulevard), the east by the Southern Pacific Railroad line, the south by Elefa Street and the north by the intersection of Interstate 99 and Lincoln Road. Aside from the structure the area is devoid of any other buildings. The 1967 topographic map shows the roads configured as they exist today, and the same structure shown on the 1953 map is still extant. The 1967 map was photorevised in 1981 and the structure appears to still be in existence at that time. However, the 1992 topographic map does not show the structure indicating it had been removed sometime between 1981 and 1992 (USGS 1910, 1953, 1967a, 1967b, 1992).

FIELD METHODS

The APE was surveyed on March 17 and April 23, 2020. The majority of the APE is covered in hardscape, preventing visibility of the soil below. The only area within the APE that is not covered in hardscape is a portion of parcel 011-063-005-000. This parcel was subject to an intensive pedestrian survey wherein the archaeologist walked 15 meter (50 feet) transects. Surface visibility was 40% and coverage was 100%. The remainder of the APE was surveyed at a reconnaissance level appropriate for built environment resources.

Three previously unrecorded built resources are located adjacent the APE (Table 4). All of these buildings are located outside the APE and will not be affected by project activities.

Table 4. List of Structures

Address	Building	Type	Year Built	Comments
699 Washington Blvd	#1	Commercial	2011	
	#2	Commercial	1987	
	#3	Commercial	1987	
528 Niles Ave	Residence and garage	Residential	1939	
515 Nile Ave		School	1935	NW corner of school borders APE

The three properties include a total of six individual building: three commercial buildings at 699 Washington Blvd; two residential buildings at 528 Niles Ave; and one public building at 515 Niles Ave. Two of the three commercial structures date to 1987 with the third being a 2010 rebuild of a structure that was lost to fire in 2009 within the same business complex that the other two buildings occupy (County of Placer Assessor 1998, Hoang 2010). The residence at 528 Niles Ave was constructed in 1939 (County of Placer Assessor 2017). The public building is part of Bradford Woodbridge Elementary School at 515 Niles Ave. This school was originally constructed ca. 1935 and is identified as the oldest school in the Roseville City School District (Bradford Woodbridge Elementary 2020).

STUDY FINDINGS AND CONCLUSIONS

One cultural resource, a segment of Lincoln Street, is located within the APE. However, it is exempt from evaluation per the Caltrans PA.

Sensitivity of the APE

The records search findings indicate that the APE is sensitive for the presence of buried prehistoric and historic-period archaeological deposits that have the potential to be eligible for listing in the NRHP. This is due to the area's pre-European occupation by the Southern Maidu people and proximity to the *Pitchiku* village site, subsequent Euroamerican occupation during the California Gold Rush, and later history involving the Transcontinental Railroad. These known factors, coupled with Cometa-Ramona Series soils' slightly acidic to neutral pH, which is good for organic artifact preservation, contributes to the potential sensitivity of the area. The project activities, however, are limited to 2-3 ft depth, wherein previous road and utility construction has most likely also resulted in disturbance. As a result, the potential for the project to uncover undisturbed soils and undisturbed archaeological resources is low.

Recommendations

It is Caltrans' policy to avoid cultural resources whenever possible. If buried cultural materials are encountered during construction, it is Caltrans' policy that work stop in that area until a qualified archaeologist can evaluate the nature and significance of the find. In the event that human remains or associated funerary objects are encountered during construction, all work will cease within the vicinity of the discovery. In accordance with the California Environmental Quality Act (CEQA) (Section 1064.5) and the California Health and Safety Code (Section 7050.5), the appropriate county coroner will be contacted immediately. If the human remains are determined to be Native American, the coroner will notify the Native American Heritage Commission, who will notify and appoint a Most Likely Descendent (MLD). The MLD will work with a qualified archaeologist to decide the proper treatment of the human remains and any associated funerary objects.

REFERENCES CITED

Angel, M. (editor)
1882 *History of Placer County.* Thompson and West. Oakland, California.

Arrington, C., et al.
2006 *Cultural Resources Final Report of Monitoring and Findings for the Qwest Network Construction Project, State of California*. Prepared by SWCA Environmental Consultants. Copies available from the North Central Information Center, California State University, Sacramento.

Barbour, M.G. and J. Major (Editors)
1977 *Terrestrial Vegetation of California.* John Wiley & Sons, Inc., New York.

Beck, W. A., and Y. D. Haase
1974 *Historical Atlas of California*. University of Oklahoma Press, Norman.

Bennyhoff, J. A.
1950 California Fish Spears and Harpoons. *University of California Anthropological Records* 9:295-338.

Bradford Woodbridge Elementary
2020 Home page. https://woodbridge.rcsdk8.org/. (Accessed May 13, 2020).

California State Office of Historic Preservation (CA OHP)
2012a Directory of Properties in the Historic Property Data File for Merced County. On file at the Central California Information Center of the California Historical Resources Information System, CSU, Stanislaus, Turlock, California.
2012b Archaeological Determinations of Eligibility, Merced County. On file at the Central California Information Center of the California Historical Resources Information System, CSU, Stanislaus, Turlock, California.
2013 California Historical Resources: List of Historical Landmarks, Points of Historical Interest, California Register of Historical Resources, National Register of Historic Places. http://ohp.parks.ca.gov/ListedResources/?view=county&criteria=10 (Accessed March 19, 2019).

Davis, L. M.
1964 *From Trail to Rail! Being a History of the City of Roseville, California: 1864-1909.* Roseville Community Projects. Roseville, California.
2002 *The Story of Roseville, California: Milestones and Memories 1850-2000.* Roseville Arts Center. Roseville, California.

Feldman, J. B.
2003 *Caltrans Historic Bridges Inventory Update*. Prepared by Myra L. Frank & Associates, Inc. Copies available from the North Central Information Center, California State University, Sacramento.

Fredrickson, D.
1973 Early Cultures of the North Coast Ranges, California. Ph.D. Dissertation, University of California, Davis.

Fuerstenberg, T., J. Adams, M. Webb, and L. Thomas
2017 *Cultural Resources Inventory and Evaluation Report, Placer County Sports and Event Complex*. Prepared by ECORP Consulting, Inc. Copies available from the North Central Information Center, California State University, Sacramento.

General Land Office (GLO)
1855 Original Survey Plat. Township 10 South, Range 12 East, Mount Diablo Base Meridian. glorecords.blm.gov. Accessed March 19, 2019.
1872a State Volume Patent No. AGS-0330-095, Alexander Kerr, T11N, R6E, Section 34, Mount Diablo Meridian. U.S. Department of the Interior General Land Office Records, glorecords.blm.gov. Accessed March 25, 2019
1872b State Volume Patent No. AGS-0359-165, Alexander Kerr, T11N, R6E, Section 34, Mount Diablo Meridian. U.S. Department of the Interior General Land Office Records, glorecords.blm.gov. Accessed March 25, 2019
1872c State Volume Patent No. AGS-0330-162, Archibald McAllister, T11N, R6E, Section 34, Mount Diablo Meridian. U.S. Department of the Interior General Land Office Records, glorecords.blm.gov. Accessed March 25, 2019
1872d State Volume Patent No. AGS-0359-205, Archibald McAllister, T11N, R6E, Section 34, Mount Diablo Meridian. U.S. Department of the Interior General Land Office Records, glorecords.blm.gov. Accessed March 25, 2019

Gudde, E. G.
1998 *California Place Names: The Origin and Etymology of Current Geographical Names.* Third Edition. University of California Press, Berkeley.

Harden, D. R.
1998 *California Geology.* Pearson/Prentice Hall, Upper Saddle River, New Jersey.

Hoang, L.
2010 *From the Ashes, Two Old Food Joints Return.* Gold Country Media. https://goldcountrymedia.com/news/34801/from-the-ashes-two-old-food-joints-return/. (Accessed May 12, 2020).

Hoover M., G. Rensch, and E. Rensch
2002 *Historic Spots in California.* Fifth Edition. Revised by Douglas Kyle. Stanford University Press, Stanford, California.

Howard, J.
1997 Eight More Bombs Found in Railyard Near Sacramento. *AP News.* October 18. https://www.apnews.com. Accessed April 16, 2019.

Hughes, R. E. (editor)
1994 *Toward a New Taxonomic Framework for Central California Archaeology: Essays by James A. Bennyhoff and David A. Fredrickson*. Contributions of the University of California Archaeological Research Facility 52.

Jones, T. L., K. A. Klar
2010 *California Prehistory: Colonization, Culture, and Complexity*. AltaMira Press, Lanham, Maryland.

Kroeber, A. L.
1925 *Handbook of the Indians of California*. California Book Company, Berkeley, California.

Küchler, A. W.
1977 *National Vegetation of California*. Scale 1:1,000,000. Department of Geography, University of Kansas, Lawrence.

Lightfoot, K. G., and O. Parrish
2009 *California Indians and their Environment: An Introduction*. University of California Press, Berkeley, California.

Littlejohn, H. W.
1928 *Nisenan Geography.* University of Berkeley, Berkeley, California.

Maniery, J. G., and M. L. Maniery
1986 *Cultural Resources Inventory and Evaluation of Rich, Shenker, and Carlsberg Parcels, Roseville, Placer County, California*. Prepared by Public Anthropological Research. Copies available from the North Central Information Center, California State University, Sacramento.

Meyer, J., and J. S. Rosenthal
1997 Archaeological and Geoarchaeological Investigations at Eight Prehistoric Sites in the Los Vaqueros Reservoir Area, Contra Costa County, California. Anthropological Studies Center, Sonoma State University, Rohnert Park, California.

Milliken, R., R. T. Fitzgerald, M. G. Hylkema, R. Groza, T. Origer, D. G. Bieling and others
2007 Punctuated Culture Change in the San Francisco Bay Area. In *California Prehistory: Colonization, Culture, and Complexity*, edited by T.L. Jones and K.A. Klar, pp. 99-124. AltaMira Press, Lantham, Maryland.

Moratto, M. J.
1984 *California Archaeology*. Academic Press, Inc. Harcourt Brace Jovanovich, Publishers, San Francisco. Reprinted in 2004 by Coyote Press, Salinas, California.

Morehouse, J., and L. Rom
2015 Archeological & Historic Architecture Records Review for the UP PTC Valley Subdivision, Mileposts 106.70, 108.20, 109.92, 111.50, 114.60, 118.50, 120.40, 124.80, 127.00, Placer County. Prepared by Quality Services, Inc. Copies available from the North Central Information Center, California State University, Sacramento.

Placer County Assessor
1998 Property Details. 011-062-013-000. https://www.placer.ca.gov/5866/Property-Details (Accessed March 13, 2020).
2017 Property Details. 011-062-001-000. https://www.placer.ca.gov/5866/Property-Details (Accessed March 13, 2020).

Ragir, S.
1972 *The Early Horizon in Central California Prehistory*. Contributions of the University of California Archaeological Research Facility No. 10. Berkeley, California.

Rogers, T. H.
1966 *Geologic Map of the San Jose Quadrangle, 1:250,000*. California Division of Mines and Geology. Sacramento, California. Accessed February 20, 2018.

Rondeau, M.F., J. Cassidy, and T.L. Jones
2007 Colonization Technologies: Fluted Projectile Points and the San Clemente Island Woodworking/Microblade Complex. In, *California Prehistory: Colonization, Culture, and Complexity*, edited by T.L. Jones and K.A. Klar, pp. 63-70.

Rosenthal, J. S., G. G. White, and M. Q. Sutton.
2007 The Central Valley: A View from the Catbird's Seat. In *California Prehistory: Colonization, Culture, and Complexity*, edited by Terry L. Jones and Kathryn A. Klar. AltaMira Press, Lanham, Maryland.

Roseville Historical Society
2010 *Images of America: Roseville.* Arcadia Publishing. Charleston, South Carolina.

St. Clair, M. C.
2004 *Cultural Resources Assessment for the Sierra View Country Club Cellular Tower*. Prepared by Pacific Legacy. Copies available from the North Central Information Center, California State University, Sacramento.

Storer, T. I., and R. L. Usinger
1966 *Sierra Nevada Natural History, An Illustrated Handbook*. University of California Press, Berkeley.

Tremaine, K. J.
2008 Investigations of a Deeply Buried Early and Middle Holocene Site (CA-SAC-38) for the City Hall Expansion Project, Sacramento, California. Tremaine & Associates, Inc., West Sacramento, California.

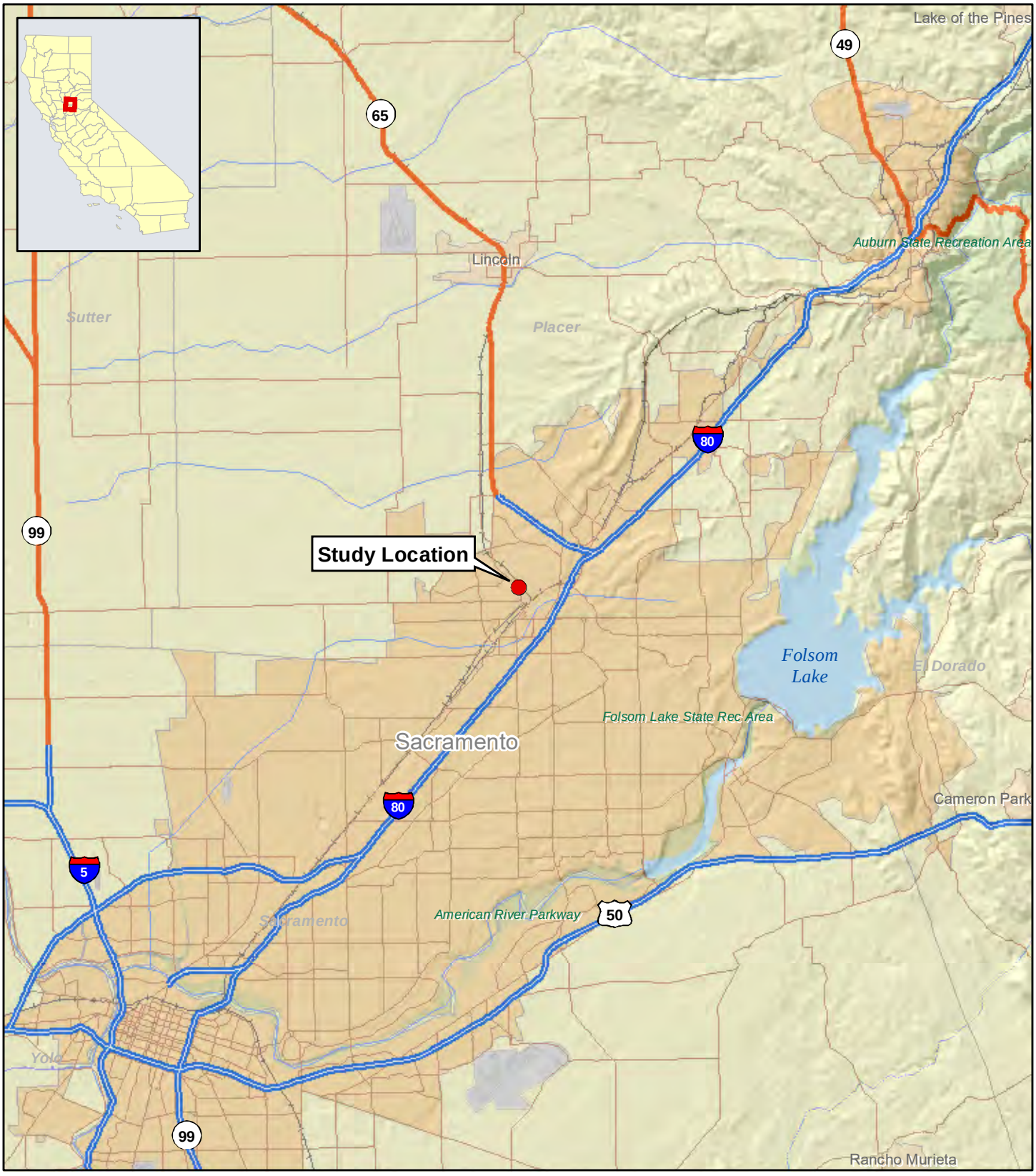
UC Davis Soil Resource Laboratory
2005 California Soil Resource Lab. Online Soil Survey Data of the USDA-NCSS. Casoilresource.lawr.ucdavis.edu/soil/web/. Accessed February 20, 2018.

United States Geological Survey (USGS)
1910 Roseville *quadrangle, California* [map]. 1:31680. United States Department of the Interior, USGS. Washington, DC. https://www.usgs.gov. Accessed March 25, 2019.
1942 Markham Ravine *quadrangle, California* [map]. 1:62500. United States Department of the Interior, USGS. Washington, DC. https://www.usgs.gov. Accessed May 13, 2019.
1953 Roseville *quadrangle, California* [map]. 1:24000. United States Department of the Interior, USGS. Washington, DC. https://www.usgs.gov. Accessed March 25, 2019.
1967a Roseville *quadrangle, California* [map]. 1:24000. United States Department of the Interior, USGS. Washington, DC. https://www.usgs.gov. Accessed March 25, 2019.
1967b Roseville *quadrangle, California* [map]. (1981 photo revised). 1:24000. United States Department of the Interior, USGS. Washington, DC. https://www.usgs.gov. Accessed March 25, 2019
1992 Roseville *quadrangle, California* [map]. 1:24000. United States Department of the Interior, USGS. Washington, DC. https://www.usgs.gov. Accessed March 25, 2019.

Wilson, N., and A. Towne
1978 Nisenan. In *Handbook of North American Indians, Volume 8: California*, Robert F. Heizer, ed., Lincoln 7.5-minute Topographical Quadrangle. Smithsonian Institution, Washington D.C.

Windmiller, R.
2009 *Negative Archaeological Survey Report, Washington Boulevard Frontage Improvements Project, City of Roseville, Placer County, California*. Prepared by Ric Windmiller, Consulting Archaeologist. Submitted to City of Roseville. Copies available from the North Central Information Center, California State University, Sacramento.

Archaeological Survey Report
Figures



WA RAB Study Location

0 1 2 3 4 5 Miles

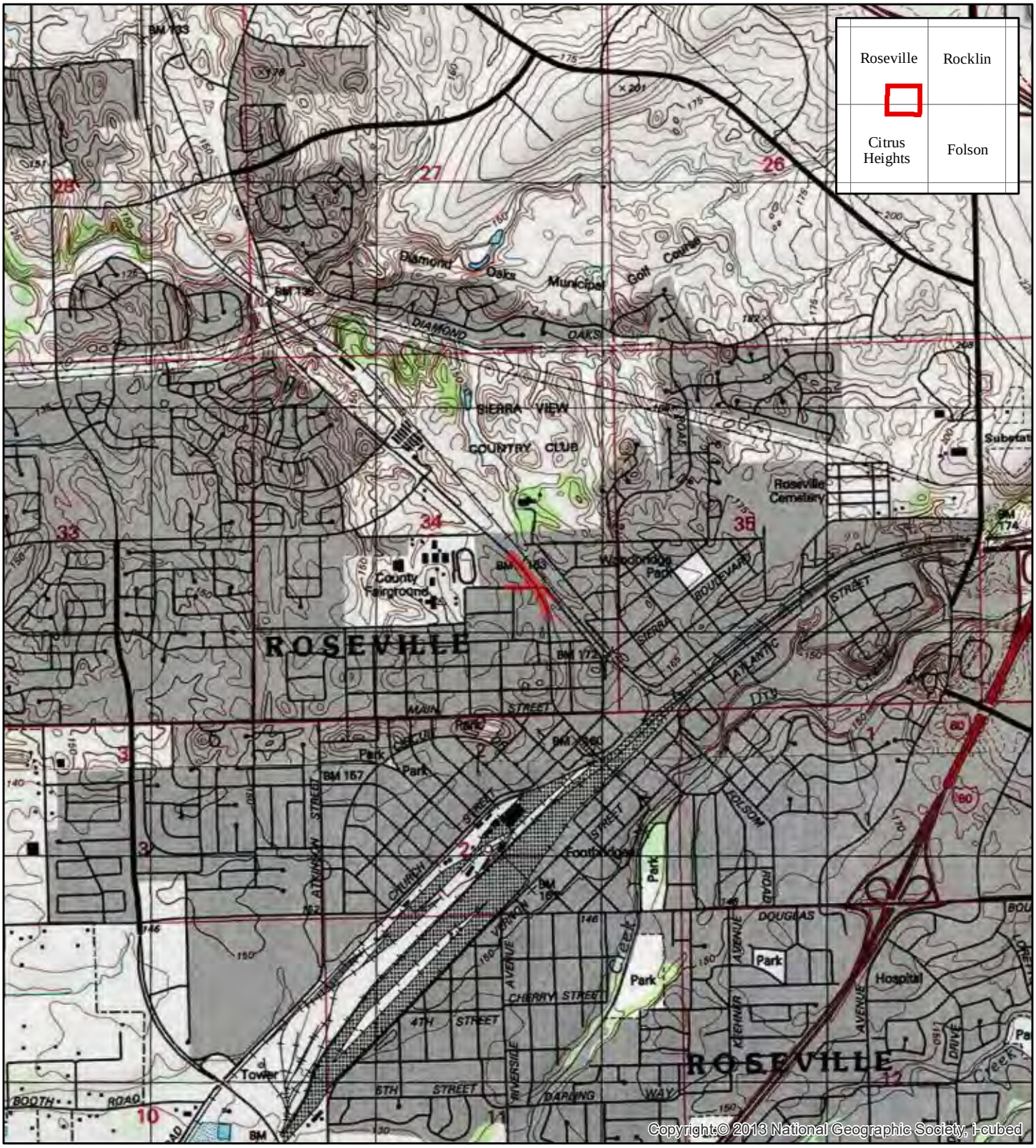
N W E S

1:250,000

Sources: *USA Base Map* [layer], *Data and Maps* [CD]. ESRI, 2006.

InContext Cultural Resources Solutions

Figure 1. Study Vicinity Map



WA RAB Study Area

0 0.5 Miles

0 1 Kilometers

Placer County, CA
Roseville USGS Quadrangle, 7.5' Series, 1981.
T 11N, R 06E, Section 34.

1:24,000

N
W E
S

InContext
Cultural Resources Solutions

Figure 2. Study Location Map

Date

Project Engineer
City Of Roseville

Date

Archaeologist
Caltrans District 3

Date

Local Assistance Engineer
Caltrans District 3

Washington Blvd

011-030-003-000

011-030-006-000

013-250-002-000

All American City Blvd

011-060-ROW-000

011-060-001-000

011-062-013-000

011-063-005-000

013-250-ROW-000

Lincoln St

Niles Ave

WA RAB Study Area
Construction Layout
Construction Staging
Placer County Assessor Parcel

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

InContext
Cultural Resources Solutions

1:1,500

N W E S

WAAC Roundabout Project

Project # 1913

0 100 Feet
0 50 Meters

Figure 3. Area of Potential Effects

Archaeological Survey Report
Appendix A

Records Search

California Historical Resources Information System

CHRIS Data Request Form

ACCESS AND USE AGREEMENT NO.: 47 **IC FILE NO.:** _____

To: North Central Information Center

Print Name: Theresa Lechner Date: 03/14/19

Affiliation: Western Properties, dba InContext

Address: 4070 Bridge Street, Suite 7

City: Fair Oaks State: CA Zip: 95628

Phone: (530) 409-8612 Fax: _____ Email: tlechner@incontext.co

Billing Address (if different than above): same as above

Project Name / Reference: Washington Boulevard Roundabout (8013/1913)

Project Street Address: Washington Boulevard and All American City Boulevard/Lincoln Street Intersection

County: Placer

Township/Range/UTMs: T10N, R6E, Sections 2, 34, 35

USGS 7.5' Quad(s): Roseville

PRIORITY RESPONSE (Additional Fee): yes ○ / no ◉

TOTAL FEE NOT TO EXCEED: $ 450.00

Special Instructions:

Please contact if fee is going to exceed the above amount.

Information Center Use Only

Date of CHRIS Data Provided for this Request: _____

Confidential Data Included in Response: yes ○ / no ○

Notes: _____

_____

CHRIS Data Request Form

Include the following information (mark as necessary) for the records search area(s) shown on the attached map(s) or included in the associated shapefiles. Shapefiles are the current CHRIS standard format for digital spatial data products.

NOTE: All digital data products are subject to availability - check with the appropriate Information Center.

1. **Map Type Desired:** Digital map products will be provided only if they are available at the time of this request. *Regardless of what is requested*, only hard copy hand-drawn maps will be provided for any part of the requested search area for which digital map products are not available at the time of this request**.**
There is an additional charge for shapefiles, whether they are provided with or without Custom GIS Maps.

Mark one map choice only

Custom GIS Maps ○ Shapefiles ○ Custom GIS Maps **and** Shapefiles ○ Hard Copy Hand-Drawn Maps **only** ⊙

Any selection below left unmarked will be considered a "no. "

2a.

	Within project area	Within 1/2 radius
ARCHAEOLOGICAL Resource Locations+	yes⊙/ no○	yes⊙/ no○
NON-ARCHAEOLOGICAL Resource Locations	yes⊙/ no○	yes⊙/ no○
Report Locations+	yes⊙/ no○	yes⊙/ no○
Resource Database Printout* (list)	yes○/ no○	yes○/ no○
Resource Database Printout* (detail)	yes⊙/ no○	yes⊙/ no○
Resource Digital Database Records (spreadsheet)+	yes○/ no⊙	yes○/ no⊙
Report Database Printout* (list)	yes○/ no⊙	yes○/ no⊙
Report Database Printout* (detail)	yes⊙/ no○	yes⊙/ no○
Report Digital Database Records (spreadsheet)+	yes○/ no⊙	yes○/ no⊙
ARCHAEOLOGICAL Resource Record copies+*	yes⊙/ no○	yes⊙/ no○
PDF⊙/ Hard Copy○		
NON-ARCHAEOLOGICAL Resource Record copies*	yes⊙/ no○	yes○/ no⊙
PDF⊙/ Hard Copy○		
Report copies+*:	yes○/ no⊙	yes○/ no⊙
PDF⊙/ Hard Copy○		
	Only directory listing	Associated documentation
OHP Historic Properties Directory**		
within project area	yes⊙/ no○	yes⊙/ no○
within 1/2 mi radius	yes⊙/ no○	yes○/ no⊙
OHP Archaeological Determinations of Eligibility+		
within project area	yes⊙/ no○	yes○/ no⊙
within 1/2 mi radius	yes⊙/ no○	yes○/ no⊙
***California Inventory of Historical Resources* (1976):**		
within project area	yes○/ no⊙	yes○/ no⊙
within _____ mi radius	yes○/ no⊙	yes○/ no⊙

+ **In order to receive archaeological information, requestor must meet qualifications as specified in Section III of the current version of the California Historical Resources Information System Information Center Rules of Operation Manual and be identified as an Authorized User under an active CHRIS Access and Use Agreement**.

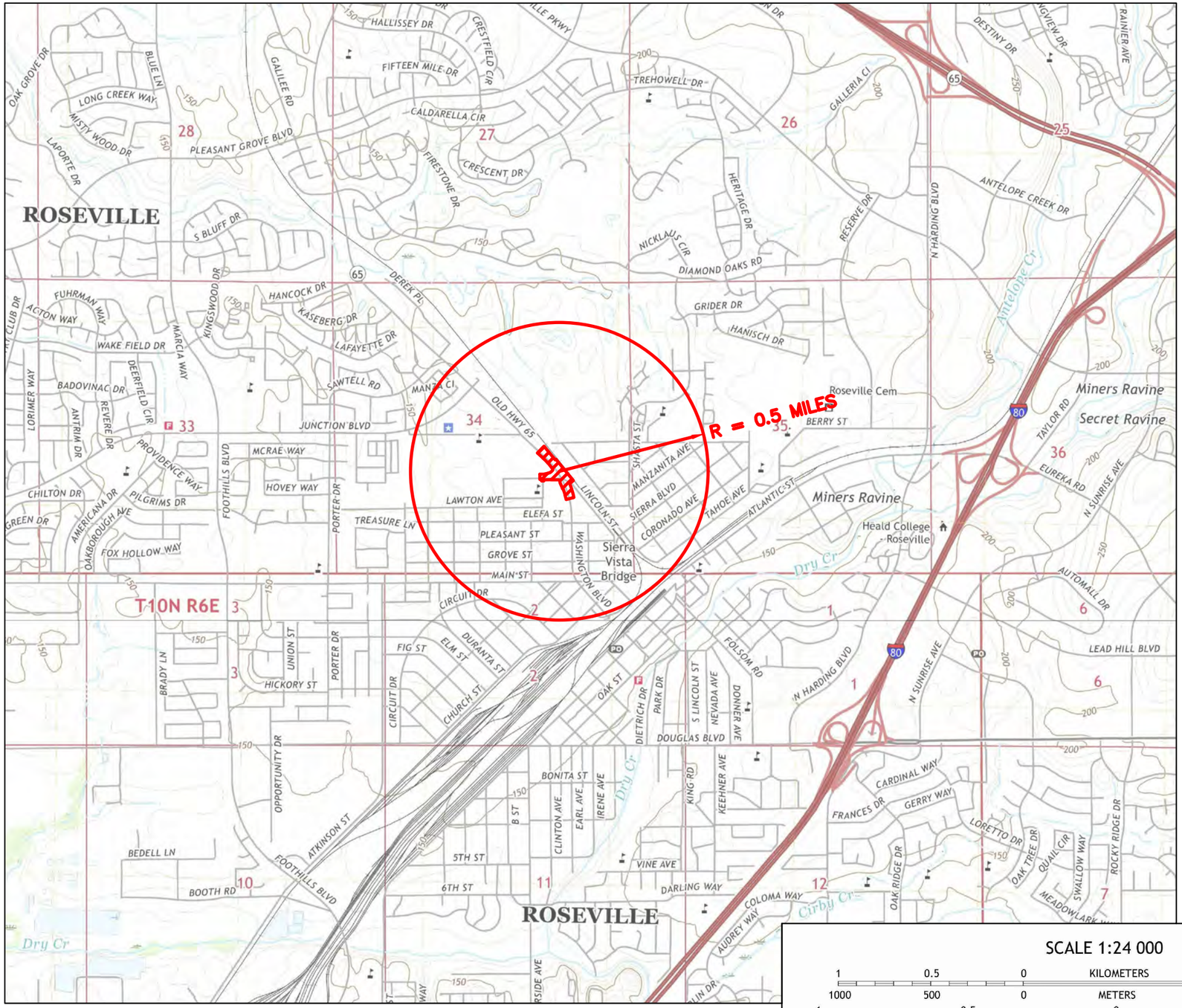
* These documents may be supplied as PDF files, if available

** Includes, but is not limited to, information regarding National Register of Historic Places, California Register of Historical Resources, California State Historical Landmarks, California State Points of Historical Interest, and historic building surveys.

CHRIS Data Request Form

2b. Listed below are sources of additional information that may be available at the Information Center. Indicate if a review and documentation of any of the following types of information is requested.

Caltrans Bridge Survey	yes ○	no ◉
Ethnographic Information	yes ○	no ◉
Historical Literature	yes ○	no ◉
Historical Maps	yes ◉	no ○
Local Inventories	yes ◉	no ○
GLO and/or Rancho Plat Maps	yes ○	no ◉
Shipwreck Inventory	yes ○	no ◉
Soil Survey Maps	yes ○	no ◉



SOURCE: USGS, 2018 (ROSEVILLE AND CITRUS HEIGHTS QUADRANGLES)

N

LEGEND

PROJECT LIMITS

0.5 MILE RADIUS

SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2

1000 500 0 METERS 1000 2000

1 0.5 0 1

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

FEET

CITY OF ROSEVILLE

PUBLIC WORKS DEPARTMENT

WASHINGTON BLVD AT ALL AMERICA CITY BLVD ROUNDABOUT PROJECT
PROPOSED PROJECT LOCATION

Kimley»Horn ©2019

California Historical Resources Information System

NORTH CENTRAL INFORMATION CENTER

AMADOR
EL DORADO
NEVADA
PLACER
SACRAMENTO
YUBA

California State University, Sacramento
6000 J Street, Folsom Hall, Suite 2042
Sacramento, California 95819-6100
phone: (916) 278-6217
fax: (916) 278-5162
email: ncic@csus.edu

3/20/2019 NCIC File No.: PLA-19-23

Trish Fernandez
Western Properties, dba InContext
4070 Bridge Street, Suite 7
Fair Oaks, CA 95628

Re: Washington Blvd at All America City Blvd Roundabout Project, City of Roseville

The North Central Information Center received your record search request for the project area referenced above, located on the Roseville USGS 7.5' quad. The following reflects the results of the records search for the project area and a ¼-mi radius.

As indicated on the data request form, the locations of resources and reports are provided in the following format: ☒ custom GIS maps ☐ shapefiles

Resources within project area: Resources outside project area, within radius:	P-31-3672 P-31-816 P-31-3747 P-31-4240 P-31-6138 P-31-6139 P-31-6140
Reports within project area: Reports outside project area, within radius:	8619 10041 274 6050 6675 12441 12461

Resource Database Printout (list): ☐ enclosed ☒ not requested ☐ nothing listed/NA

Resource Database Printout (details): ☒ enclosed ☐ not requested ☐ nothing listed/NA

Resource Digital Database Records: ☐ enclosed ☒ not requested ☐ nothing listed/NA

Report Database Printout (list): ☐ enclosed ☒ not requested ☐ nothing listed/NA

Report Database Printout (details): ☒ enclosed ☐ not requested ☐ nothing listed/NA

Report Digital Database Records: ☐ enclosed ☒ not requested ☐ nothing listed/NA

Resource Record Copies: ☒ enclosed ☐ not requested ☐ nothing listed/NA

Report Copies: ☐ enclosed ☒ not requested ☐ nothing listed/NA

OHP Historic Properties Directory:	☒ enclosed	☐ not requested	☐ nothing listed/NA
Archaeological Determinations of Eligibility:	☒ enclosed	☐ not requested	☐ nothing listed/NA
CA Inventory of Historic Resources (1976):	☐ enclosed	☒ not requested	☐ nothing listed/NA
Caltrans Bridge Survey:	☐ enclosed	☒ not requested	☐ nothing listed/NA
Ethnographic Information:	☐ enclosed	☒ not requested	☐ nothing listed/NA
Historical Literature:	☒ enclosed	☐ not requested	☐ nothing listed/NA
Historical Maps:	☒ enclosed	☐ not requested	☐ nothing listed/NA
Local Inventories:	☐ enclosed	☐ not requested	☒ nothing listed/NA
GLO and/or Rancho Plat Maps:	☐ enclosed	☒ not requested	☐ nothing listed/NA
Shipwreck Inventory:	☐ enclosed	☒ not requested	☐ nothing listed/NA
Soil Survey Maps:	☐ enclosed	☒ not requested	☐ nothing listed/NA

Please forward a copy of any resulting reports from this project to the office as soon as possible. Due to the sensitive nature of archaeological site location data, we ask that you do not include resource location maps and resource location descriptions in your report if the report is for public distribution. If you have any questions regarding the results presented herein, please contact the office at the phone number listed above.

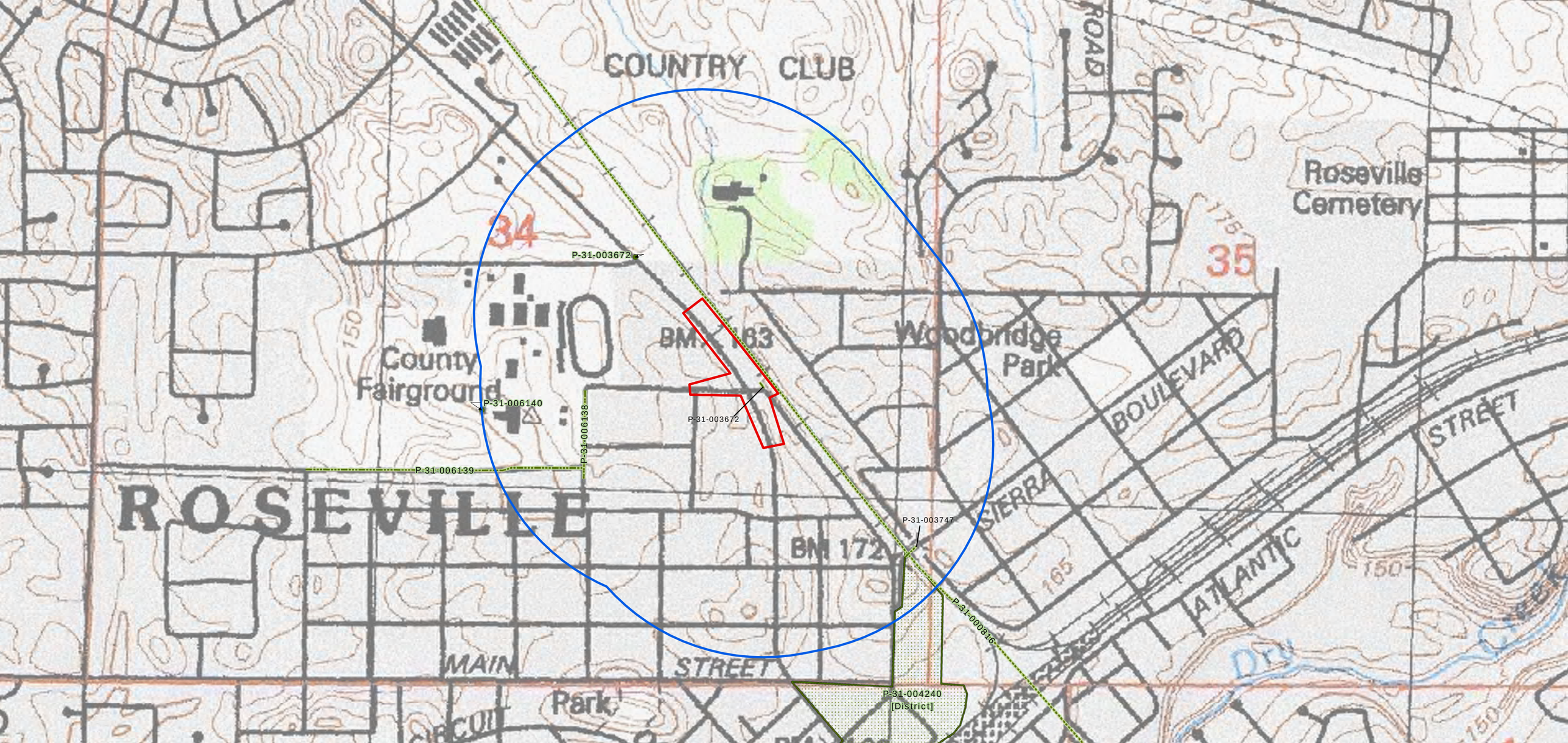
The provision of CHRIS Data via this records search response does not in any way constitute public disclosure of records otherwise exempt from disclosure under the California Public Records Act or any other law, including, but not limited to, records related to archeological site information maintained by or on behalf of, or in the possession of, the State of California, Department of Parks and Recreation, State Historic Preservation Officer, Office of Historic Preservation, or the State Historical Resources Commission.

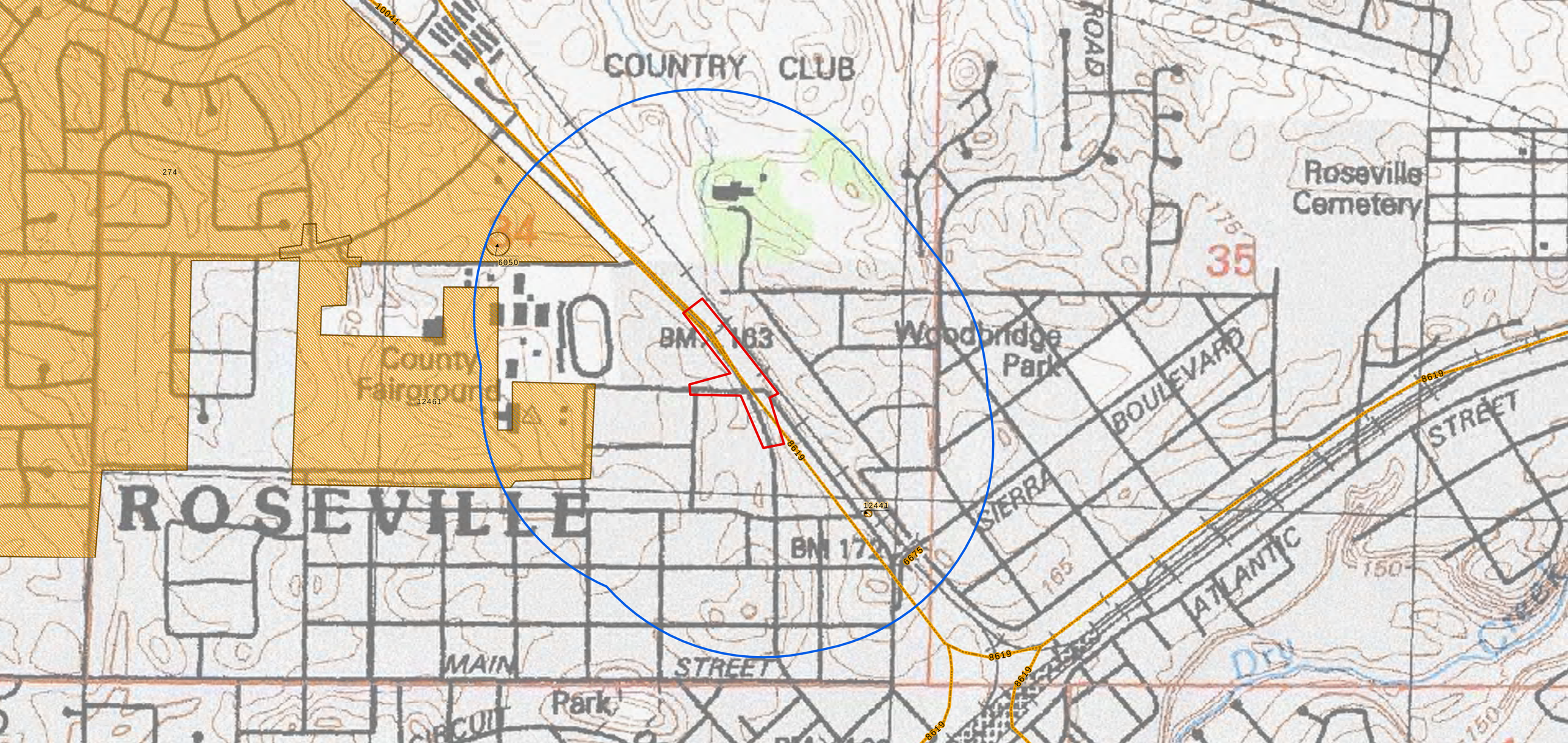
Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the California Historical Resources Information System (CHRIS) Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

Should you require any additional information for the above referenced project, reference the record search number listed above when making inquiries. Requests made after initial invoicing will result in the preparation of a separate invoice.

Sincerely,

Paul Rendes, Assistant Coordinator
North Central Information Center


COUNTRY CLUB
Roseville Cemetery
34
35
P-31-003672
BM 183
Woodbridge Park
County Fairground
P-31-006140
P-31-006138
P-31-003672
P-31-006139
ROSEVILLE
BOULEVARD
STREET
SIERRA
ATLANTIC
P-31-003747
BM 172
P-31-000816
MAIN
STREET
Park
P-31-004240
[District]


COUNTRY CLUB
Roseville Cemetery
Woodbridge Park
BOULEVARD
SIERRA
ATLANTIC
STREET
MAIN
STREET
Park
ROSEVILLE
County Fairground
BM 1783
BM 172
10041
8619
6675
6050
12461
12441
274
34
35
10
165
150

Archaeologial Survey Report
Appendix B
Communication / Outreach

Project Name: Washington Boulevard Roundabout (8013/1913)

Date	From	Affiliation	To	Affliliation	Mode	Summary
3/18/2019	Theresa Lechner	InContext	NAHC	NAHC	Email	Request for Sacred Lands File and Section 106 and AB52 ourtreach list
3/28/2019	NAHC	NAHC	Theresa Lechner	InContext		Results of file search and outreach list
4/4/2019	Theresa Lechner	InContext	Sir/Madam	Roseville Historical Society	Mail	Outreach for project concerns
4/4/2019			Sir/Madam	Placer County Historical Society		
4/8/2019			Don Ryberg	Tsi Akim Maidu		Section 106 Outreach Letter
4/8/2019			Grayson Coney	Tsi Akim Maidu		
4/8/2019			Darrel Cruz	Washoe Tribe of NV and CA		
4/8/2019			Pamela Cubbler	Colfax-Todds Valley Consolidated Tribe		
4/8/2019			Clyde Prout	Colfax-Todds Valley Consolidated Tribe		
4/8/2019			Regina Cuellar	Shingle Springs Band of Miwok Indians		
4/8/2019			Gene Whitehouse	UAIC		
4/23/2019			n/a	Roseville Historical Society	Email	Sent follow-up email to ensure received and inquire if concerns
4/23/2019			n/a	Placer County Historical Society		
4/23/2019	n/a	Roseville Historical Society	Theresa Lechner	InContext		Acknowledged receipt of the project letter and map.
4/23/2019	Theresa Lechner	InContext	Pamela Cubbler	Colfax-Todds Valley Consolidated Tribe		Sent follow-up email to ensure received and inquire if concerns
4/23/2019			Clyde Prout	Colfax-Todds Valley Consolidated Tribe		
4/23/2019			Regina Cuellar	Shingle Springs Band of Miwok Indians		
4/23/2019			Grayson Coney	Tsi Akim Maidu		
4/23/2019			Don Ryberg	Tsi Akim Maidu		
4/23/2019			Gene Whitehouse	UAIC		
4/23/2019			Melodi McAdams			
4/23/2019			Darrel Cruz	Washoe Tribe of NV and CA		
4/23/2019	Melodi McAdams	UAIC	Theresa Lechner	InContext		Acknowledged receipt of the project letter and map.
5/23/2019	Darrel Cruz, THPO	Washoe Tribe of NV and CA				Stated tribe was not interested in the proposed project at this time.

Local Government Tribal Consultation List Request

Native American Heritage Commission
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95691
916-373-3710
916-373-5471 – Fax
nahc@nahc.ca.gov

Date Requested: 3/18/19

Type of List Requested

☑ **CEQA Tribal Consultation List (AB 52)** – ***Per Public Resources Code § 21080.3.1, subs. (b), (d), (e) and 21080.3.2***
☑ **Section 106**

☐ **General Plan (SB 18)** - ***Per Government Code § 65352.3.***

Local Action Type:

☐ **General Plan** ☐ **General Plan Element** ☐ **General Plan Amendment**

☐ **Specific Plan** ☐ **Specific Plan Amendment** ☐ **Pre-planning Outreach Activity**

Required Information

Project Title: Washington Boulevard Roundabout

Local Government/Lead Agency: City of Roseville

Contact Person: Theresa Lechner

Street Address: 4070 Bridge Street, Suite 7

City: Fair Oaks **Zip:** 95628

Phone: (530) 409-8612 **Fax:**

Email: tlechner@incontext.co

Specific Area Subject to Proposed Action

County: Placer **City/Community:** Roseville

Project Description:

Constructing a roundabout at the Washington Boulevard and All American City Boulevard/Lincoln Street Intersection in the City of Roseville

Additional Request

☑ **Sacred Lands File Search** - ***Required Information:***

USGS Quadrangle Name(s): Roseville

Township: 10N **Range:** 6E **Section(s):** 2, 34, 35

NATIVE AMERICAN HERITAGE COMMISSION
Cultural and Environmental Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691 Phone: (916) 373-3710
Email: nahc@nahc.ca.gov
Website: http://www.nahc.ca.gov

March 26, 2019

Theresa Lechner
City of Roseville

VIA Email to: tlechner@incontext.co

RE: Native American Tribal Consultation, Pursuant to the Assembly Bill 52 (AB 52), Amendments to the California Environmental Quality Act (CEQA) (Chapter 532, Statutes of 2014), Public Resources Code Sections 5097.94 (m), 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2 and 21084.3, Washington Boulevard Roundabout, Placer County.

Dear Ms. Lechner:

Pursuant to Public Resources Code section 21080.3.1 (c), attached is a consultation list of tribes that are traditionally and culturally affiliated with the geographic area of the above-listed project. Please note that the intent of the AB 52 amendments to CEQA is to avoid and/or mitigate impacts to tribal cultural resources, (Pub. Resources Code §21084.3 (a)) ("Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource.")

Public Resources Code sections 21080.3.1 and 21084.3(c) require CEQA lead agencies to consult with California Native American tribes that have requested notice from such agencies of proposed projects in the geographic area that are traditionally and culturally affiliated with the tribes on projects for which a Notice of Preparation or Notice of Negative Declaration or Mitigated Negative Declaration has been filed on or after July 1, 2015. Specifically, Public Resources Code section 21080.3.1 (d) provides:

> Within 14 days of determining that an application for a project is complete or a decision by a public agency to undertake a project, the lead agency shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, which shall be accomplished by means of at least one written notification that includes a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation pursuant to this section.

The AB 52 amendments to CEQA law does not preclude initiating consultation with the tribes that are culturally and traditionally affiliated within your jurisdiction prior to receiving requests for notification of projects in the tribe's areas of traditional and cultural affiliation. The Native American Heritage Commission (NAHC) recommends, but does not require, early consultation as a best practice to ensure that lead agencies receive sufficient information about cultural resources in a project area to avoid damaging effects to tribal cultural resources.

The NAHC also recommends, but does not require that agencies should also include with their notification letters, information regarding any cultural resources assessment that has been completed on the area of potential effect (APE), such as:

1. The results of any record search that may have been conducted at an Information Center of the California Historical Resources Information System (CHRIS), including, but not limited to:

   - A listing of any and all known cultural resources that have already been recorded on or adjacent to the APE, such as known archaeological sites;

   - Copies of any and all cultural resource records and study reports that may have been provided by the Information Center as part of the records search response;

   - Whether the records search indicates a low, moderate, or high probability that unrecorded cultural resources are located in the APE; and

   - If a survey is recommended by the Information Center to determine whether previously unrecorded cultural resources are present.

2. The results of any archaeological inventory survey that was conducted, including:

   - Any report that may contain site forms, site significance, and suggested mitigation measures.

     All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum, and not be made available for public disclosure in accordance with Government Code section 6254.10.

3. The result of any Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was negative.
4. Any ethnographic studies conducted for any area including all or part of the APE; and

5. Any geotechnical reports regarding all or part of the APE.

Lead agencies should be aware that records maintained by the NAHC and CHRIS are not exhaustive and a negative response to these searches does not preclude the existence of a tribal cultural resource. A tribe may be the only source of information regarding the existence of a tribal cultural resource.

This information will aid tribes in determining whether to request formal consultation. In the event that they do, having the information beforehand will help to facilitate the consultation process.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our consultation list remains current.

If you have any questions, please contact me at my email address: katy.sanchez@nahc.ca.gov.

Sincerely,

Katy Sanchez

KATY SANCHEZ
Associate Environmental Planner

Attachment

Native American Heritage Commission
Tribal Consultation List
03/25/2019

Colfax-Todds Valley Consolidated Tribe
Pamela Cubbler, Treasurer
P.O. Box 4884 Miwok
Auburn , CA 95604 Maidu
PCubbler@colfaxrancheria.com
(530) 320-3943

Colfax-Todds Valley Consolidated Tribe
Clyde Prout, Chairman
P.O. Box 4884 Miwok
Auburn , CA 95604 Maidu
miwokmaidu@yahoo.com
(916) 577-3558

Shingle Springs Band of Miwok Indians
Regina Cuellar, Chairperson
P.O. Box 1340 Miwok
Shingle Springs , CA 95682 Maidu
rcuellar@ssband.org
(530) 387-4970

Tsi Akim Maidu
Grayson Coney, Cultural Director
P.O. Box 510 Maidu
Browns Valley , CA 95918
tsi-akim-maidu@att.net
(530) 274-7497

Tsi Akim Maidu
Don Ryberg, Chairperson
P.O. Box 510 Maidu
Browns Valley , CA 95918
tsi-akim-maidu@att.net
(530) 383-7234

United Auburn Indian Community of the Auburn Rancheria
Gene Whitehouse, Chairperson
10720 Indian Hill Road Maidu
Auburn , CA 95603 Miwok
bguth@auburnrancheria.com
(530) 883-2390 Office

Washoe Tribe of Nevada and California
Darrel Cruz, Cult Res Dept. THPO
919 Highway 395 North Washoe
Gardnerville , NV 89410
Darrel.Cruz@washoetribe.us
(775) 265-8600 x10714

This list is current only as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 50 97.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is applicable only for consultation with Native American tribes under Public Resources Code Sections 21080.1, 21080.3.1, and 21080.3.2 for proposed: Washington Boulevard Roundabout, Placer County.

InContext
Cultural Resources Solutions

April 8, 2019

Gene Whitehouse, Chairperson
United Auburn Indian Community of the Auburn Rancheria
10720 Indian Hill Road
Auburn, CA 95603

Re: Section 106 Consultation Outreach – Washington Boulevard and All America Boulevard/Lincoln Street Roundabout, City of Roseville (InContext Project No. 1913)

Dear Mr. Whitehouse:

InContext is in the process of conducting a cultural resources study for the proposed project to construct a multilane roundabout at the Washington Boulevard and All America Boulevard/Lincoln Street Intersection in the City of Roseville.

The project will require compliance with Section 106 of the National Historic Preservation Act (Section 106). The lead agency for Section 106 is the California Department of Transportation (Caltrans). The pre-field work for the cultural resources study included a request from the Native American Heritage Commission (NAHC) for a sacred lands search and Section 106 consultation outreach list. On March 26, 2019, the NAHC responded that their search of the Sacred Lands File returned negative results. Additionally, a records search for the project was completed on March 20, 2019 at the North Central Information Center (NCIC) of the California Historic Resources Information System (CHRIS), located at California State University, Sacramento. The records search identified no Native American associated cultural resources in the area of potential effect (APE) or the surrounding 1/2-mile search radius.

Please let us know if you have any concerns regarding the project's potential to affect Native American associated cultural resources. Please feel free to contact me by phone at (916) 241-9285, or by email at tlechner@incontext.co. We look forward to your response and thank you for your time and consideration in this matter.

Sincerely,

Theresa Lechner

Theresa Lechner, M.A., RPA
Leader/Coordinator

Attachment: Records Search Map

SAMPLE

InContext
Cultural Resources Solutions

April 4, 2019

Roseville Historical Society
557 Lincoln Street
Roseville, CA 95678

RE: Project #1913 - Cultural Resources Study – City of Roseville, Placer County
Washington Boulevard and All America City Boulevard Roundabout

Dear Sir or Madam:

InContext is in the process of conducting a cultural resources study for the Washington Boulevard and All America City Boulevard/Lincoln Street Roundabout Project. The project consists of constructing a multilane roundabout at the Washington Boulevard and All America City Boulevard/Lincoln Street intersection.

A records search was completed on April 3, 2019 at the North Central Information Center at California State University, Sacramento. Based on the information provided by the records search, it is anticipated that no resources will be identified during the survey. However, we would like to know if you have any information, concerns or questions regarding the potential for this project to impact resources important to the history of the City of Roseville.

Please feel free to call me at 916.241.9285 or email me at tlechner@incontext.co with any questions or information. Thank you very much for your valuable assistance.

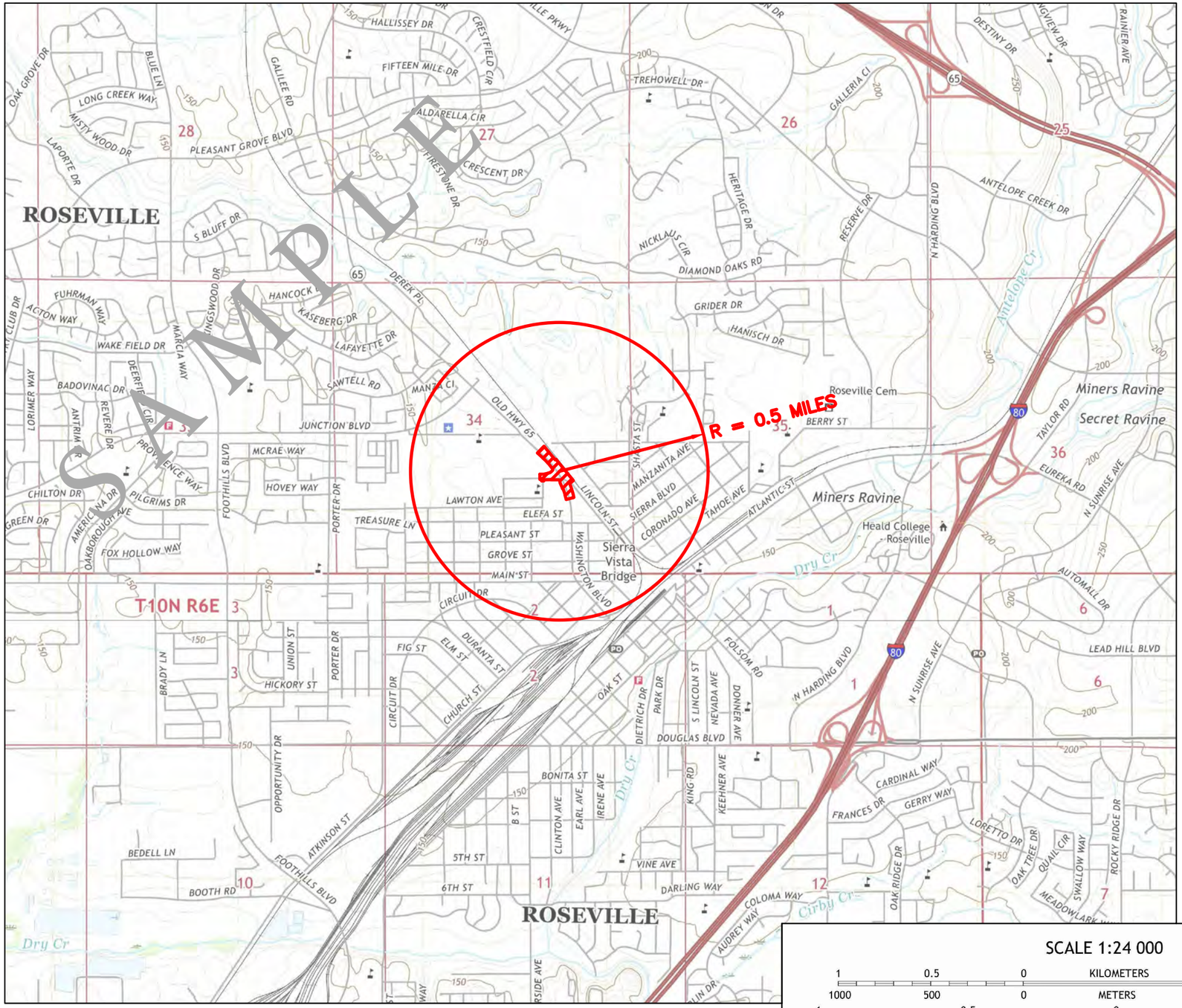
Sincerely,

Theresa Lechner

Theresa Lechner, M.A., RPA
Project Leader/Coordinator

Enclosure: Records Search Map

SAMPLE



SOURCE: USGS, 2018 (ROSEVILLE AND CITRUS HEIGHTS QUADRANGLES)

LEGEND

PROJECT LIMITS

0.5 MILE RADIUS

SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2

1000 500 0 METERS 1000 2000

1 0.5 0 1

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

FEET

CITY OF ROSEVILLE

PUBLIC WORKS DEPARTMENT

WASHINGTON BLVD AT ALL AMERICA CITY BLVD ROUNDABOUT PROJECT
PROPOSED PROJECT LOCATION

Kimley»Horn ©2019

Theresa Lechner

From: Melodi McAdams <mmcadams@auburnrancheria.com>
Sent: Tuesday, April 23, 2019 12:12 PM
To: Theresa Lechner
Cc: Cherilyn Neider
Subject: RE: Follow-up to the Washington Blvd and All America Blvd/Lincoln Street Roundabout Project Section 106 Invitation to Consult Letter

And thank you for sending over the letter, I have added it to our review log.

Sincerely,
Melodi McAdams
Cultural Resources Supervisor
Tribal Historic Preservation Department
United Auburn Indian Community of the Auburn Rancheria
10720 Indian Hill Road
Auburn, CA 95603
(530) 328-1109 - office
(530) 401-7470 - cell

From: Melodi McAdams
Sent: Tuesday, April 23, 2019 12:11 PM
To: 'Theresa Lechner' <tlechner@incontext.co>
Cc: Cherilyn Neider <cneider@auburnrancheria.com>
Subject: RE: Follow-up to the Washington Blvd and All America Blvd/Lincoln Street Roundabout Project Section 106 Invitation to Consult Letter

Hello Theresa,

We are preparing an update to the NAHC contact information, there is now a THPO@auburnrancheria.com e-mail address.

Sincerely,
Melodi McAdams
Cultural Resources Supervisor
Tribal Historic Preservation Department
United Auburn Indian Community of the Auburn Rancheria
10720 Indian Hill Road
Auburn, CA 95603
(530) 328-1109 - office
(530) 401-7470 - cell

From: Theresa Lechner [mailto:tlechner@incontext.co]
Sent: Tuesday, April 23, 2019 11:53 AM
To: Melodi McAdams <mmcadams@auburnrancheria.com>
Subject: FW: Follow-up to the Washington Blvd and All America Blvd/Lincoln Street Roundabout Project Section 106 Invitation to Consult Letter

Good morning Melodi –

I sent this email to the address the Native American Heritage Commission has on file for the United Auburn Indian Community, but it appears to be incorrect. Is there an alternate email address I should send this to? I apologize for any inconvenience.

Thank you for your time.

Theresa Lechner, M.A., RPA
4070 Bridge Street, Ste. 7
Fair Oaks, CA 95628
Office: 916.241.9285
Cell: (775) 772-8690
www.incontext.co

InContext
Cultural Resources Solutions
A small, woman- and minority-owned business

From: Theresa Lechner
Sent: Tuesday, April 23, 2019 11:41 AM
To: bauth@auburnrancheria.com
Subject: Follow-up to the Washington Blvd and All America Blvd/Lincoln Street Roundabout Project Section 106 Invitation to Consult Letter

Good morning Mr. Whitehouse -

I am writing this email to follow-up on the Section 106 letter mailed to you on April 8, 2019 regarding the Washington Boulevard and All America Boulevard/Lincoln Street Roundabout Project in the City of Roseville. InContext is following-up to ensure that you received the letter and to inquire whether you have any questions, concerns, or information regarding the Project's potential to affect cultural resources in or near the project area. I can be reached by phone at 916.241.9285 or by email tlechner@incontext.co.

The letter and project area maps have been attached to the email for your convenience.

Thank you for your time, I appreciate it.

Theresa Lechner, M.A., RPA
4070 Bridge Street, Ste. 7
Fair Oaks, CA 95628
Office: 916.241.9285
Cell: (775) 772-8690
www.incontext.co

Theresa Lechner

From: Theresa Lechner
Sent: Tuesday, April 23, 2019 11:53 AM
To: Melodi McAdams
Subject: FW: Follow-up to the Washington Blvd and All America Blvd/Lincoln Street Roundabout Project Section 106 Invitation to Consult Letter
Attachments: Whitehouse_4_8_19.pdf; Records Search Map.pdf

Good morning Melodi –

I sent this email to the address the Native American Heritage Commission has on file for the United Auburn Indian Community, but it appears to be incorrect. Is there an alternate email address I should send this to? I apologize for any inconvenience.

Thank you for your time.

Theresa Lechner, M.A., RPA
4070 Bridge Street, Ste. 7
Fair Oaks, CA 95628
Office: 916.241.9285
Cell: (775) 772-8690
www.incontext.co

InContext
Cultural Resources Solutions
A small, woman- and minority-owned business

From: Theresa Lechner
Sent: Tuesday, April 23, 2019 11:41 AM
To: bauth@auburnrancheria.com
Subject: Follow-up to the Washington Blvd and All America Blvd/Lincoln Street Roundabout Project Section 106 Invitation to Consult Letter

Good morning Mr. Whitehouse -

I am writing this email to follow-up on the Section 106 letter mailed to you on April 8, 2019 regarding the Washington Boulevard and All America Boulevard/Lincoln Street Roundabout Project in the City of Roseville. InContext is following-up to ensure that you received the letter and to inquire whether you have any questions, concerns, or information regarding the Project's potential to affect cultural resources in or near the project area. I can be reached by phone at 916.241.9285 or by email tlechner@incontext.co.

The letter and project area maps have been attached to the email for your convenience.

Thank you for your time, I appreciate it.

Theresa Lechner, M.A., RPA

Theresa Lechner

From: Theresa Lechner
Sent: Thursday, May 30, 2019 11:38 AM
To: Darrel Cruz
Subject: RE: Lincoln Street Roundabout

Good morning Mr. Cruz –

Thank you for contacting me regarding the proposed project. I appreciate it.

Take care,

Theresa Lechner, M.A., RPA
4070 Bridge Street, Ste. 7
Fair Oaks, CA 95628
Office: 916.241.9285
Cell: (775) 772-8690
www.incontext.co

InContext
Cultural Resources Solutions
A small, woman- and minority-owned business

From: Darrel Cruz <Darrel.Cruz@washoetribe.us>
Sent: Thursday, May 23, 2019 3:59 PM
To: Theresa Lechner <tlechner@incontext.co>
Subject: Lincoln Street Roundabout

Dear Theresa Lechner,
Thank you for consulting with the Washoe Tribe of Nevada and California on the propose Lincoln Street Roundabout, Roseville, CA. at this we have no interest in this project.
Thank you,

Darrel

Darrel Cruz, Director
Tribal Historic Preservation Office/CRO
Washoe Tribe of Nevada and California
919 Highway 395
Gardnerville, NV. 89410
Phone: 775-265-8600 Ext. 10714
Cell: 775-546-3421
darrel.cruz@washoetribe.us

"the more you know the more there is to know" Mike Dick, Washo Medicine Man

Theresa Lechner

From: Theresa Lechner
Sent: Tuesday, April 23, 2019 3:00 PM
To: carnegie@surewest.net
Subject: Washington Blvd and All America City Blvd/Lincoln Street Roundabout Project
Attachments: City of Roseville Historical Society.pdf; Records Search Map.pdf

Good afternoon –

I am sending this email as a follow-up to our April 4, 2019 letter regarding the Washington Boulevard and All America City Boulevard/Lincoln Street Roundabout project in the City of Roseville. I have enclosed a copy of the letter and records search map for your convenience. Please let me know if you have any comments or concerns regarding the potential of this project to impact resources important to your community.

Thank you for your time.

Theresa Lechner, M.A., RPA
4070 Bridge Street, Ste. 7
Fair Oaks, CA 95628
Office: 916.241.9285
Cell: (775) 772-8690
www.incontext.co

InContext
Cultural Resources Solutions
A small, woman- and minority-owned business

Theresa Lechner

From: carnegie@surewest.net
Sent: Tuesday, April 23, 2019 3:00 PM
To: Theresa Lechner
Subject: We received your message!

Thank you for contacting the Roseville Historical Society at the Carnegie Museum!

We have received your message and will respond to you during our normal operating hours (Tuesday - Friday, 10am - 2pm).

For emails to our curator/archivist, those will be responded to on Tuesdays or Fridays.

Respectfully,

Roseville Historical Society
(916) 773-3003

Carnegie Museum
557 Lincoln
Roseville, CA 95678

Appendix D

Phase I Report

Report Issuance Date: 07/25/2019
Report Viability Date: 10/28/2019

Phase I Initial Site Assessment

WASHINGTON BOULEVARD AND ALL AMERICA CITY BOULEVARD ROUNDABOUT PROJECT

CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA

Federal Project Number: _____

Prepared in General Accordance with:
ASTM E1527-13 Standard Practice for Environmental Site Assessment

Prepared for:
City of Roseville
311 Vernon St.
Roseville, California 95678

and

California Department of Transportation – District 3
703 B Street, Marysville, CA 95901
Marysville, CA 95901

Prepared by:
Kimley-Horn and Associates, Inc.
555 Capitol Mall, Suite 300
Sacramento, CA 95814

© Kimley-Horn and Associates, Inc. 2019
Kimley-Horn Project No 097918026

EXECUTIVE SUMMARY

Table of Critical Dates

Report Issuance Date	07/25/2019
Date of Interview of Past and Present Owners and Occupants Identified in Section 10 of ASTM 1527-13	6/24/2019
Date of Preliminary Title Report	N/A
Date of Visual Inspection of Subject and Adjoining Properties	05/17/2019
Date of Records Reviews	05/01/2019
Date of Lien Search	N/A
Earliest Date of Interviews, Lien Search, Record Reviews, and Inspections	05/01/2019
Report Viability Date	10/28/2019

Kimley-Horn and Associates, Inc. (Kimley-Horn) was retained by the City of Roseville to conduct a Phase I Initial Site Assessment (ISA) within Washington Boulevard, All America City Boulevard, and Lincoln Street, and associated intersection of the three roadways in the City of Roseville, County of Placer, State of California. The proposed project would result in the construction and operation of a multi-lane roundabout with an urban design that would be compatible with adjacent land uses and with the roadway corridor between the Historic district and Downtown Roseville. One of the main design features is the inclusion of crosswalks for bicyclists and pedestrians to enable which are included within each roadway.

The subject site extends approximately 400 feet along Washington Boulevard to the north and south, approximately 250 feet within All America City Boulevard to the west, and approximately 400 feet southeasterly along Lincoln Street. The construction of the roundabout and roadway improvements would occur within the existing right-of-way of the City of Roseville with the exception of the northwest corner of Washington Boulevard and All America City Boulevard. This County parcel is designated as assessor parcel number (APN-011-030-006). To accommodate the improvement, the proposed alignment of All America City Boulevard would be extended northerly to occupy approximately 10,500 sf of the same parcel. The total amount of staging area will be determined prior to construction. This area is a part of the Placer County Fairgrounds, has a land use designation of Public/Quasi-Public (P/QP), is zoned Single-Family residential (R1), and consists of a sidewalk, light pole, and sparsely landscaped area with bark ground cover. The proposed improvements would enhance safety and accessibility for bicyclists and pedestrians, while improving corridor aesthetics and reducing vehicle emissions by improving the efficiency of traffic conduction.

This ISA was conducted in accordance with: (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries {(AAI), 40 CFR Part 312} and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-13* (ASTM Standard Practice E 1527-13) and (3) Chapter 18 of the California Department of Transportation (Caltrans) document titled *Project Development Procedures Manual* (1999).

The ISA for the subject property represents the product of Kimley-Horn's professional expertise and judgment in the environmental consulting industry. This report is certified to, can be relied upon by, and has been prepared for the exclusive use of the following entities: Kimley-Horn and Associates, Inc., City of Roseville, California Department of Transportation (Caltrans) and their respective successors, assigns, affiliates, and subsidiaries.

Site Summary

Item	Comments
Number of Parcels and Acreage	The site is located within the City R/W and a portion of APN 011-030-006.
Number of Building(s) and Square Footage	None
Current Property Use	City of Roseville R/W and portion of Placer County Fairgrounds

Reasonably ascertainable records reviewed as part of this ISA documented the use of the site as a roadway as early as 1891, which coincides with the earliest available topographical maps for the site. No data failures were encountered during the completion of this ISA. As such, Kimley-Horn did not identify any significant data gaps during the completion of this ISA. The property has been developed as a roadway since sometime prior to 1891.

Kimley-Horn has performed an Initial Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the subject site located within the City R/W within the City of Roseville, at the intersection of Washington Boulevard, All America City Boulevard, and Lincoln Street and a portion of APN 011-030-006. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

Recognized Environmental Conditions

A recognized environmental condition (REC) is defined in the ASTM Standard as the presence or likely presence of hazardous substances or petroleum products in, on, or at a property: 1) due to release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment. Kimley-Horn identified the following REC in association with the subject site:

- Placer County Fair (All American Speedway) located at 800 All America City Boulevard (immediately adjacent to the site to the west)

Given improvements that require ground disturbance are planned immediately adjacent to this facility and there is potential for construction activities to disturb contaminated soil and groundwater, the facility listed above is considered a REC for the subject site.

Historical Recognized Environmental Conditions

A historical REC (HREC), as defined in the ASTM Standard, is a past release of any hazardous substance and/or petroleum product that has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria. Kimley-Horn has not identified any HRECs in association with the subject property.

Controlled Recognized Environmental Conditions

A controlled REC (CREC), as defined in the ASTM Standard, is a REC resulting from a past release of hazardous substances and/or petroleum products in which the regulatory agency has allowed contamination to remain in place at the property which is subject to the implementation of required controls and/or restrictive use. Kimley-Horn has not identified any CRECs in association with the subject property.

TABLE OF CONTENTS

EXECUTIVE SUMMARY ..... **i**
1.0 INTRODUCTION **1**
1.1 Property Overview 1
1.2 Purpose and Scope of Services 2
1.3 Significant Assumptions 3
1.4 Limitations, Deviations, and Special Terms and Conditions 3
2.0 USER PROVIDED INFORMATION **4**
2.1 Recorded Land Title Records 4
2.2 Reason for Performing this ISA 4
3.0 PHYSICAL SETTING **5**
4.0 RECORDS REVIEW **7**
4.1 Aerial Photographs, Topographic Maps and Sanborn Maps 7
4.2 Sanborn Maps 8
4.3 Topographic Maps 8
4.4 Local Street Directories 9
4.5 Assessing Department 9
4.6 Building Department 9
4.7 Fire Department 10
4.8 Health Department 10
4.9 Utilities 10
4.9.1 Municipal Water/Water Wells 10
4.9.2 Sanitary Sewer/Septic System 10
4.9.3 Storm Drain System 10
4.9.4 Gas and Electricity 11
4.10 Underground Storage Tank (UST) Systems 11
4.11 Government Institutional and Engineering Controls 11
5.0 INTERVIEWS **12**
6.0 SUMMARY OF HISTORICAL USE **14**
7.0 SUBJECT PROPERTY RECONNAISSANCE **15**
7.1 Subject Property Observations 15
7.1.1 Current Operations 16
8.0 ADJOINING PROPERTIES **18**
8.1 North Adjoining Properties 18
8.2 East Adjoining Properties 18
8.3 South Adjoining Properties 18
8.4 West Adjoining Properties 18
9.0 REGULATORY RECORDS REVIEW **19**
9.1 Subject Property and Occupant Listings 20
9.2 Adjoining and Nearby Sites 20
9.3 Vapor Evaluation 21
10.0 FINDINGS, OPINIONS AND CONCLUSIONS **23**
10.1 Significant Data Gaps 23
10.2 Recognized Environmental Conditions (RECs) 23
10.3 Historical Recognized Environmental Conditions 23
10.4 Controlled Recognized Environmental Conditions 23
10.5 Lead and Asbestos containing material 23
10.6 Recommendations 24
11.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL **25**
12.0 REFERENCES **26**

FIGURES

Figure 1 Regional Map
Figure 2 Project Location Map
Figure 3 Project Footprint Map
Figure 4 Site Topographic Map
Figure 5 REC Location Map

APPENDICES

Appendix A USDA/NRCS Soil Survey Information
Appendix B EDR Historical Aerial Photograph
Appendix C Certified Sanborn Map Report
Appendix D Historical Topographic Map Report
Appendix E EDR City Directory Report
Appendix F CUPA Records Search
Appendix G User Questionnaire
Appendix H Site Photographs
Appendix I EDR Radius Map Report
Appendix J EDR Vapor Encroachment Screen

1.0 INTRODUCTION

This Phase I Initial Site Assessment (ISA) was conducted in accordance with: (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries {(AAI), 40 CFR Part 312} and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-13* (ASTM Standard Practice E 1527-13) and (3) Chapter 18 of the California Department of Transportation (Caltrans) document titled *Project Development Procedures Manual* (1999). The *Project Development Procedures Manual* states that "every project that includes excavation, structure demolition or modification, or the purchase of new right-of-way, will require an ISA to determine if known or potential hazardous waste is present within the project limits".

The ISA for the above referenced property is the product of Kimley-Horn's professional expertise and judgment in the environmental consulting industry. This report is certified to, can be relied upon by, and has been prepared for the exclusive use of the following entities: Kimley-Horn and Associates, Inc. (Kimley-Horn), City of Roseville, California Department of Transportation (Caltrans), and their respective successors, assigns, affiliates, and subsidiaries.

Kimley-Horn acknowledges that these parties may rely on the contents and conclusions presented in this report. Unless stated otherwise in writing, Kimley-Horn makes no other warranty, representation, or extension of reliance upon the findings of this report to any other entity or third party.

1.1 PROPERTY OVERVIEW

The subject site is located within Washington Boulevard, All America City Boulevard, and Lincoln Street, and associated intersection of the three roadways in the City of Roseville, County of Placer, State of California. The proposed project would result in the construction and operation of a multi-lane roundabout with an urban design that would be compatible with adjacent land uses and with the roadway corridor between the Historic district and Downtown Roseville. One of the main design features is the inclusion of crosswalks for bicyclists and pedestrians to enable which are included within each roadway.

The subject site extends approximately 400 feet along Washington Boulevard to the north and south, approximately 250 feet within All America City Boulevard to the west, and approximately 400 feet southeasterly along Lincoln Street. The construction of the roundabout and roadway improvements would occur within the existing right-of-way of the City of Roseville with the exception of the northwest corner of Washington Boulevard and All America City Boulevard. This County parcel is designated as assessor parcel number (APN-011-030-006). To accommodate the improvement, the proposed alignment of All America City Boulevard would be extended northerly to occupy approximately 10,500 sf of the same parcel. The total amount of staging area will be determined prior to construction. This area is a part of the Placer County Fairgrounds, has a land use designation of Public/Quasi-Public (P/QP), is zoned Single-Family residential (R1), and consists of a sidewalk, light pole, and sparsely landscaped area with bark ground cover. The proposed improvements would enhance safety and accessibility for bicyclists and pedestrians, while improving corridor aesthetics and reducing vehicle emissions by improving the efficiency of traffic conduction. The location of the subject property is depicted on **Figure 1** and **Figure 2.** A diagram of the subject property is included as **Figure 3.**

PROPERTY OVERVIEW

Subject Property Location/Address	The intersection of Washington Boulevard, All America City Boulevard, and Lincoln Street located in the City of Roseville, Placer County, California.
Number of Parcels and Acreage	The site is located within the City R/W and a portion of APN 011-030-006 owned by the County of Placer.
Number of Building(s) and Square Footage	None
Current Property Use	City of Roseville R/W and portion of Placer County Fairgrounds
Current Zoning	The portion of the site within APN 011-030-006 has a land use designation of Public/Quasi-Public (P/QP) and is zoned Single-Family residential (R1); the remainder of the site is within City of Roseville maintained R/W.

1.2 PURPOSE AND SCOPE OF SERVICES

The purpose of this ISA was to evaluate the current and historical conditions of the subject property in an effort to identify *recognized environmental conditions* (RECs), *controlled recognized environmental conditions (CREC)* and *historical recognized environmental conditions* (HRECs) in connection with the subject property. This ISA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with the project area.

1.3 SIGNIFICANT ASSUMPTIONS

Pursuant to ASTM Standard Practice E 1527-13, Kimley-Horn assumes that the information provided by all sources and parties, including the User, is accurate and complete, except where obvious inconsistencies or inaccuracies were identified.

1.4 LIMITATIONS, DEVIATIONS, AND SPECIAL TERMS AND CONDITIONS

Limitations in data and resources were encountered during the preparation of this report. These include the following:

- Kimley-Horn was not provided with information regarding previous site owners and adjacent owners.
- Kimley-Horn was not provided with a 50-year chain of title.

Although these limitations were encountered, these are not considered to be significant data gaps for this site as defined in ASTM E1527-13 Section 3.2.20. The land use is not considered a REC relative to the site or adjacent properties.

Conclusions were based on practically reviewable information available within reasonable time and cost constraints. There is always the possibility that potential sources of contamination have escaped detection due to the limitations of this study, the inaccuracy of governmental records, or the presence of undetected and unreported environmental accidents.

Non-ASTM Scope considerations are included in Section 10.0. Any physical limitations identified during the completion of this report are referenced in Section 7.0.

Due to changing environmental regulatory conditions and potential on-site or adjacent activities occurring after this assessment, the client may not presume the continuing applicability to the subject property of the conclusions in this assessment for more than 180 days after the report's issuance date, per ASTM Standard Practice E 1527-13. The viability date for this ISA is October 28, 2019.

2.0 USER PROVIDED INFORMATION

The ASTM Standard defines a User as "the party seeking to use Practice E 1527 to complete an environmental site assessment. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager." The User has specific obligations for completing a successful application of this practice as outlined in Section 6 of the ASTM Standard Practice E 1527-13.

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfield's Revitalization Act of 2001 (the "Brownfield's Amendments") (if desired), the User must provide certain information (if available) identified in the User Questionnaire to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

In the case of this site, the User and Owner are the same entity, the City of Roseville. Therefore, refer to Section 5.0 for details on the interview with Noah Siviglia, City of Roseville.

2.1 RECORDED LAND TITLE RECORDS

Kimley-Horn was not provided the Preliminary Title Report (PTR) or a 50-year chain of title search for any of the properties or easements within the R/W corridor. A review of aerial photographs, topographic maps, and available Sanborn maps indicates the R/W corridor was initially developed as a roadway prior to 1891.

2.2 REASON FOR PERFORMING THIS ISA

This ISA was performed based on the Client's need to understand potential environmental conditions that could materially impact proposed improvements within the R/W corridor.

3.0 PHYSICAL SETTING

The following is a concise summary of the physical setting of the subject site.

PHYSICAL SETTING SUMMARY

PHYSICAL SETTING INFORMATION FOR THE SUBJECT PROPERTY AND SURROUNDING AREA		SOURCE
Topography: Refer to **Figure 4** for an excerpt of the Topographic Map		
Site Elevation	Approximately 160 feet above mean sea level.	United States Geological Survey Division (U.S.G.S.) 7.5-Minute Topographic Map of the Roseville California Quadrangle, 2018.
Topographic Gradient	The site and surrounding area are relatively flat.	
Closest Surface Water	An unnamed pond is located approximately 0.3 miles (1,898 feet) north of the site. Dry Creek is located approximately 0.5 miles (3,148 feet) south of the site.	
General Soil Characteristics: Refer to **Appendix A** for a copy of the soil survey map and soil type descriptions		
Soil Type	100% Cometa-Ramona sandy loams, 1 to 5 percent slopes.	USDA-Natural Resources Conservation Service Web Soil Survey, accessed May 2, 2019.
Soil Characteristics	Cometa-Ramona sandy loams: well drained sandy loam and clay; not categorized as a hydric soil.	
Area Specific Geology/Hydrogeology Characteristics:		
Geology/Hydrogeology	The site is located within the North American subbasin, in the eastern central portion of the Sacramento Groundwater Basin. The general direction of drainage is west-southwest at an average grade of about 5 percent. The water-bearing materials of the North American subbasin are dominated by unconsolidated continental deposits of Late Tertiary and Quaternary age. Deposits include Miocene/Pliocene volcanics, older alluvium, and younger alluvium. The subbasin has an estimated storage capacity of approximately 4.9 million acre-feet. Groundwater levels in southwestern Placer County and northern Sacramento County have generally decreased, with many wells experiencing declines at a rate of about one and one-half feet per year for the last 40 years or more.	*Sacramento Valley – North American Groundwater Basin,* California's Groundwater Bulletin 118, California Department of Water Resources.

PHYSICAL SETTING INFORMATION FOR THE SUBJECT PROPERTY AND SURROUNDING AREA		SOURCE
	The chemistry and quality of groundwater has been assessed for the American Basin. Many areas of good quality groundwater exist in the North American subbasin. In some portions of the basin groundwater quality is marginal. There are three sites within the subbasin with significant groundwater contamination issues: the former McClellan AFB, Union Pacific Railroad Rail Yard in Roseville and the Aerojet Superfund site. Although the Aerojet site lies south of the North American subbasin, a contaminant plume (including trichloroethene [TCE] and perchloroethylene[PCE]) extends north from Aerojet, under the American River and into the North American subbasin.	
Oil and Gas Wells:		
Current Oil and Gas Wells on Subject Property	None. There are no active oil and gas wells within 1 mile of the intersections planned for ground disturbance.	State of California Department of Conservation Division of Oil, Gas, and Geothermal Resources website mapping tool (https://maps.conservation.ca.gov/doggr/wellfinder/#openModal/-118.94276/37.10257/6), accessed May 9, 2019.
Historical Oil and Gas Wells on Subject property	None. There are no historical oil and gas wells within 1 mile of the intersections planned for ground disturbance.	

4.0 RECORDS REVIEW

Kimley-Horn reviewed reasonably ascertainable records to identify obvious land uses within the R/W corridor from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. Reasonably ascertainable records reviewed as part of this ISA documented the use of a portion of the site as a roadway to approximately 1891, which coincides with the earliest available topographical maps for the site. A review of aerial photographs indicates a majority of the subject property has been developed since at least 1938 as a roadway. Although Sanborn maps of the area date back to 1925, the majority of the site is not visible on the available Sanborn maps. No data failures were encountered during the completion of this ISA. As such, Kimley-Horn did not identify any significant data gaps during the completion of this ISA. The following sections provide a summary of the historical documents reviewed by Kimley-Horn for this ISA.

4.1 AERIAL PHOTOGRAPHS, TOPOGRAPHIC MAPS AND SANBORN MAPS

Kimley-Horn reviewed reasonably ascertainable Sanborn Maps of the corridor dated 1938, 1947, 1952, 1957, 1962, 1966, 1972, 1975, 1984, 1993, 1998, 2005, 2009, 2012, and 2016. The following table summarizes the observations made for the subject site during the aerial photograph review. Information obtained about the adjoining properties from these sources is summarized in Section 6.0.

Historical Aerial Photograph Summary

Property Use Summary	
Year	**Summary of Information**
1938	The 1938 photograph shows a railroad adjacent to the site and south of the site in a similar alignment as the current Union Pacific Railroad Company, as well as roadways in the same configuration as Lincoln Street and All America City Boulevard. The site contains unpaved roadways and structures are visible on the southern portion of the site. The Placer County Fairgrounds and the Woodbridge School are visible west of the site. Residential and commercial development are shown south and east of the site, along with open space. Sierra Boulevard is shown crossing the railway, south of the site.
1947	The 1947 photograph shows no significant changes to the site; however, increased urban development is shown throughout the surrounding area.
1952	Washington Boulevard is shown on the site similar to its current configuration. There are no longer structures located on the southern portion of the site. Continued urban development is shown throughout the surrounding area.
1957	There are no substantial changes to the site or the surrounding area with the exception of some increased development south of the Placer County Fairgrounds.
1962	There are no substantial changes to the site or the surrounding area.
1966	There are no substantial changes to the site or the surrounding area.
1972	There are no substantial changes to the site or the surrounding area.
1975	There are no substantial changes to the site or the surrounding area.
1984	Washington Boulevard has been widened north of the site, similar to its current configuration.
1993	There are no substantial changes to the site. Continued urban development is shown in the surrounding area, particularly north of the site.
1998	There are no substantial changes to the site or the surrounding area.
2005	There are no substantial changes to the site. Continued urban development is shown in the surrounding area, particularly north of the site.
2009	There are no substantial changes to the site or the surrounding area.
2012	There are no substantial changes to the site or the surrounding area.
2016	There are no substantial changes to the site or the surrounding area.

4.2 SANBORN MAPS

Kimley-Horn reviewed reasonably ascertainable Sanborn Maps of the corridor dated 1925, 1944, 1958 and 1960 (**Appendix C**). The following table summarizes the observations made for the subject site during the review of Sanborn maps. Information obtained about the adjoining properties from these sources is summarized in Section 6.0.

Sanborn Map Summary

Property Use Summary	
Year	**Summary of Information**
1925	The 1925 map shows Lincoln Road (later named Lincoln Street) along the southern and eastern portion of the site. The Sterling Lumber Company is shown south of the site; however, the majority of the site is not mapped. The area east of the site shows structures along Carmel Avenue and Encinal Avenue.
1944	The1944 map does not include information for the site other than Lincoln Road, but does show information for the area east of the site, including structures along Carmel Avenue and Encinal Avenue. The 1944 map also shows the Woodbridge School, west of the site along Niles Avenue.
1958	There are no substantial changes to the site or the surrounding area.
1960	There are no substantial changes to the site or the surrounding area.

4.3 TOPOGRAPHIC MAPS

Kimley-Horn reviewed reasonably ascertainable historical topographic maps of the corridor dated 1891, 1892, 1893, 1902, 1910, 1941, 1942, 1951, 1953, 1967, 1975, 1980, 1981, 1992, and 2012 (**Appendix D**). The following table summarizes the information obtained about the subject property from the Historical Topographic Maps.

Topographic Map Summary for the Subject Property

Property Use Summary	
Year	**Summary of Information**
1891	The 1891 map shows the railroad adjacent to the site and south of the site in a similar alignment as the current Union Pacific Railroad Company. A roadway in a similar configuration to Lincoln Street is adjacent to the site and Dry Creek is shown south of the site. Urban development and structures are shown in downtown Roseville along the same, or a very similar configuration, as the current configuration.
1892	The topographic map dated 1892 shows little change from the 1891 map, with the exception of the extension of Main Street in the west from the intersection of what is now Lincoln Street.
1893	There are no substantial changes to the site or the surrounding area.
1902	The 1902 map is only partially mapped and does not include the site. It does show continued urban development and additional structures in downtown Roseville, south of the site.
1910	The 1910 map shows increased urban development. Additional roadways are seen throughout Roseville, including south and east of the site. The railway station south of the site has expanded to include two roundhouses and multiple tracks and offloading facilities.
1941	The 1941 map shows continued urban development, including the development of roadways in the same configuration as All America City Boulevard. Additional roadways are seen throughout Roseville, including in the immediate vicinity of the site.
1942	There are no substantial changes to the site or the surrounding area.

Property Use Summary	
Year	**Summary of Information**
1951	The 1951 map shows increased urban development throughout the surrounding area. The north Sacramento freeway is shown south and east of the site. Washington Boulevard is shown in its current configuration and schools and other public facilities are identified throughout Roseville. The Placer County Fairgrounds are identified west of the site.
1953	The 1953 map shows increased urban development throughout the surrounding area.
1967	There are no substantial changes to the site or the surrounding area.
1975	There are no substantial changes to the site or the surrounding area.
1980	The 1980 map is only partially mapped and does not include the site. It does show continued urban development south of the site.
1981	There are no substantial changes to the site or the surrounding area.
1992	The 1992 map shows increased urban development throughout Roseville, particularly north and west of the site.
2012	The 2012 map shows continued urban development, particularly north and east of the site.

4.4 LOCAL STREET DIRECTORIES

A city directory abstract for the subject site was requested through EDR (**Appendix E**). The report reviewed properties located at 800 All America City Boulevard, 699 Washington Boulevard, and 510 Washington Boulevard. The city directory review also included records for other commercial and residential addresses in the vicinity. Kimley-Horn reviewed those records and determined that they are not environmental concerns for the site, with the exception of the property at 800 All America City Boulevard, which was found to have past uses including a speedway and RV Center; details are provided in Section 9.2.

Gasoline sales are associated with 510 Washington Boulevard; however, this facility is not listed on Envirostor and is listed as a case closed on GeoTracker, therefore is not considered a REC for the site. Office, commercial, and retail uses are associated with 699 Washington Boulevard; however, the uses are not hazardous waste generating facilities and this facility is not listed on GeoTracker or Envirostor, therefore is not considered a REC for the site. Facilities with a history of hazardous material generation or violations that are listed in the city directory abstract and are immediately adjacent to the site are listed below and are discussed in Section 9.2.

4.5 ASSESSING DEPARTMENT

Reasonably ascertainable assessment information provided by the Placer County Office of the Assessor website was reviewed by Kimley-Horn. The Assessor's Parcel Maps (APN) provided by the County did not identify the ownership(s) of the street R/W; however, APN 011-030-006-000, at the northwest portion of the site, was identified as property of Placer County.

4.6 BUILDING DEPARTMENT

Given the nature of the site, building permit data was not requested. There are no buildings or structures located within the City R/W and the portion of APN 011-030-006-000 within the boundary of the site does not contain any buildings or structures.

4.7 FIRE DEPARTMENT

Hazardous materials records for the City of Roseville are kept by the Placer County Certified Unified Program Agency (CUPA). See Section 4.8 for a summary of hazardous materials records for the site.

4.8 HEALTH DEPARTMENT

Kimley-Horn submitted a records request for CUPA files via the City of Roseville's City Clerk's website on May 29, 2019. Records were received on May 30, 2019. A summary of the records received is below and correspondence with the Placer County Environmental Health Department is included as **Appendix F**.

- 699 Washington Boulevard: no hazardous materials records on file.
- 800 All America City Boulevard: no further action report review dated March 26, 2019 related to unauthorized underground storage tank release at Placer County Fairgrounds requested a supplemental report. Based on correspondence with the City Clerk's office, included in Appendix F, the facility passed its annual inspection on April 11, 2019.
- 510 Washington Boulevard: records indicate that subsurface investigation performed at site on March 1985 consisted of the installation of three groundwater monitoring wells around the perimeter of the former gasoline USTs. The results of this initial investigation showed that the total petroleum hydrocarbons as gasoline (TPHg) were present in soil and groundwater beneath the site. A Corrective Action Plan submitted in June 1998 outlined the basic design for Soil Vapor extraction. Soil remediation was implemented, however an Additional Characterization Workplan was submitted in August 2000 recommending additional well monitoring. Quarterly groundwater monitoring events occurred from March 1994 through March 2002. As discussed in Section 4.4, the site is currently listed as a case closed in the Geo Tracker database.

4.9 UTILITIES

The following is a summary of the information pertaining to the utilities that service the subject site.

4.9.1 Municipal Water/Water Wells

Water service within the R/W area is provided by the City of Roseville. Kimley-Horn was unable to determine when municipal water was first available in the area of the subject property; however, the site and adjacent properties have been developed since approximately 1891, and presumably this area was serviced by municipal water upon availability. There are no municipal wells or water supply wells located on the subject site or the adjacent properties.

4.9.2 Sanitary Sewer/Septic System

Sanitary sewer is provided to the R/W area by the City of Roseville. Kimley-Horn was unable to determine when sanitary sewer was first available in the area of the subject property; however, the site and adjacent properties have been developed since approximately 1891, and presumably this area was serviced by sanitary sewer upon availability.

4.9.3 Storm Drain System

Kimley-Horn was unable to determine if and when a storm drain system was first available in the area of the subject property; however, historical topographic maps show an unnamed stream approximately

0.25 miles north of the site and Dry Creek approximately 0.6 miles south of the site. It is likely that the site historically discharged to these creeks until the City constructed a storm drain system.

4.9.4 Gas and Electricity

Gas and electric service is provided to the R/W area by Pacific Gas & Electric. Kimley-Horn was unable to determine when gas and electric was first available in the area of the subject property; however, the site and adjacent properties have been developed since approximately 1891, and presumably this area was serviced by gas and electricity upon availability.

4.10 UNDERGROUND STORAGE TANK (UST) SYSTEMS

The readily available historical information for the site did not indicate that underground storage tanks (UST) were previously or currently located within the affected right of way areas. Specifically, no records of USTs were identified through review of reasonably ascertainable regulatory records obtained by Kimley-Horn. Furthermore, evidence of past or current USTs (i.e. fill ports, vent pipes, etc.) was not observed on-site during the site reconnaissance. However, USTs were identified in conjunction with 800 All America City Boulevard. See Section 9.0 for details of off-site regulated facilities that contain or historically contained USTs.

4.11 GOVERNMENT INSTITUTIONAL AND ENGINEERING CONTROLS

Kimley-Horn has not identified any record of environmental liens, activity and use limitations, or institutional controls or engineering controls associated with the subject property through review of reasonable ascertainable records.

5.0 INTERVIEWS

The objective of completing interviews with knowledgeable site contacts is to obtain information about the uses and physical characteristics of the property. In general, interviewees supported the information reviewed from other historical sources (i.e. aerial photos, city records, etc.). A representative for the City of Roseville, California was interviewed as part of this ISA. A copy of the completed User Questionnaire is included in **Appendix G**.

INTERVIEW SUMMARY

Represents	Interviewed	Name and Title	Length of Time Associated with Subject Property	Comments
City of Roseville, CA	Yes	Noah Siviglia, Associate Engineer, City of Roseville	Approximately 5 years	Mr. Siviglia is an Associate Engineer with the Public Works Department in the City of Roseville. See interview details below.
Former Property Owner	N/A	N/A	N/A	Kimley-Horn was not provided with information regarding former property owners. It is Kimley-Horn's opinion that this does not preclude our ability to reach conclusions regarding the site and adjacent properties.
Key Site Manager	N/A	N/A	N/A	No property manager on-site.
Current Occupant(s)	N/A	N/A	N/A	There are no occupants within the City R/W.
Former Occupant(s)	N/A	N/A	N/A	There were no former occupants on the site.
Owner of adjoining properties	No	N/A	N/A	Kimley-Horn was not provided with information regarding adjacent property owners. It is Kimley-Horn's opinion that this does not preclude our ability to reach conclusions regarding the site and adjacent properties.
Regulatory Agency	No	N/A	N/A	Kimley-Horn was not provided with information environmental incidences and regulated facilities on the site. It is Kimley-Horn's opinion that this does not preclude our ability to reach conclusions regarding the site and adjacent properties.

On June 24, 2019, Noah Siviglia, Associate Engineer, City of Roseville completed an owner questionnaire for the site. Karina Fidler (Kimley-Horn) reviewed the questionnaire and provides a summary below.

Mr. Siviglia has been affiliated with this site for approximately 5 years. He is not aware of the site being used as a gas station, motor repair facility, commercial printing facility, drycleaner, photo developing lab, junkyard, landfill, waste treatment, storage, disposal, processing, recycling facility, or manufacturing facility. He is not aware of any transformers, hydraulic equipment or oil/water separators present within the R/W proper. He is not aware of the site being used for the storage, use, or disposal of automobile fluids, industrial batteries, pesticides, herbicides, gasoline, diesel fuel, paints, solvents, or hazardous chemicals. He stated that he is unaware if there are pending or threatened lawsuits or government proceedings concerning any alleged releases or threatened releases of hazardous substances within the R/W area. He was also not aware of any environmental liens, or AULs for properties within or adjacent to the R/W area.

6.0 SUMMARY OF HISTORICAL USE

The historical documentation suggests that the site was used as a roadway as early as 1891 with some structures on the southern portion of the site as early as 1938. The Placer County Fairgrounds and a roadway in the same configuration as All America City Boulevard are documented as early as 1938. By 1951, historical topographic maps document Washington Boulevard in its current configuration.

7.0 SUBJECT PROPERTY RECONNAISSANCE

Kimley-Horn conducted a reconnaissance of the subject site on May 17, 2019. The following is a summary of the site reconnaissance. Photographs taken during the site reconnaissance are included in **Appendix H**.

SITE RECONNAISSANCE INFORMATION

Reconnaissance Information	
Kimley-Horn Field Personnel:	Brad Stoneman
Site Reconnaissance Date:	May 17, 2019
Weather Conditions:	Partly cloudy skies, dry conditions
Escort:	Mr. Stoneman was not escorted during his site visit.
Limitations:	No limitations noted.

7.1 SUBJECT PROPERTY OBSERVATIONS

A reconnaissance of the site was performed by Brad Stoneman (Kimley-Horn) on May 17, 2019. The site reconnaissance consisted of a visual and pedestrian survey of the subject property and the adjoining properties to determine whether the prevailing site conditions warranted further investigation or consideration as a REC. Mr. Stoneman was unaccompanied when he performed the site reconnaissance. Photographs taken during the site reconnaissance are provided in **Appendix H.**

The subject site consists of City right-of-way and a portion of a County-owned parcel at the northwest corner of All America City Boulevard and Washington Boulevard. The area is characterized by the continuation of Washington Boulevard to the north, Union Pacific Railway track to the east, vacant land to the south, commercial and retail uses to the southwest, and Placer County Fairgrounds to the west. The City of Roseville 2035 General Plan Map (adopted in June 2016) has the following land use designations for the project area expected to require ground disturbing activities:

- Washington Boulevard R/W within an area designated as Community Commercial (CC)
- Lincoln Street R/W within an area designated as Community Commercial (CC)
- All America City Boulevard R/W within an area designated as Public/Quasi Public (P/QP)
- A portion of APN 011-030-006 designated as Public/Quasi Public (P/QP)

Photographs taken within the R/W corridor are included in (**Appendix H**). The R/W area is consistent with the land use designations adopted in the General Plan. There was one gas station observed within a quarter mile of the site, the Valero gas station located at 510 Washington Boulevard. No other regulated facilities (with the exception of Placer County Fair) were observed within a quarter mile of the site during the site reconnaissance.

The site reconnaissance was limited to the R/W areas which will potentially be affected by the proposed improvements. As such, Kimley-Horn did not access the building and structures immediately adjacent to and outside of the R/W areas. The following table provides a concise summary of the observations made during the site reconnaissance.

SITE RECONNAISSANCE OBSERVATION SUMMARY

Category	Feature	Observed
Interior Equipment	Elevators	NA
	Air Compressors	NA
	Incinerators	NA
	Waste Treatment Systems	NA
	Presses/Stamping Equipment	NA
	Press Pits	NA
	Hydraulic Lifts or In-ground hoists	NA
	Paint Booth	NA
	Plating Tanks	NA
	Lathes, Screw Machines, etc.	NA
Aboveground Chemical or Other Waste Storage or Waste Streams	Aboveground Storage Tanks (ASTs)	No
	Drums, Barrels and/or Containers > 5 gallons	No
	Chip Hoppers	No
	Hazardous or Petroleum Waste Streams	No
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground Storage Tanks	No
	Fuel Dispensers	No
	Sumps or Cisterns	No
	Dry Wells	No
	Oil/Water Separators	No
	Floor Drains, Trench Drains, etc.	No
	Pipeline Markers	No
Exterior Observations	Stressed Vegetation	No
	Stained Soil or Pavement	**Yes**
	Pad or Pole Mounted Transformers and/or Capacitors	**Yes**
	Soil Piles of Unknown Origin	No
	Exterior Dumpsters with Staining	No
	Leachate or Other Waste Seeps	No
	Trash, Debris, and/or Other Waste Materials	**Yes**
	Uncontrolled Dumping or Disposal Areas	**Yes**
	Surface Water Discoloration, Sheen or Free Product	No
	Strong, Pungent or Noxious Odors	**Yes**
	Storm water retention or detention ponds	No
	Pits, Ponds, Lagoons	No

7.1.1 Current Operations

With the exception of underground utilities owned and operated by outside purveyors, there are no existing on-site operations. The subject site consists of City-maintained R/W areas and a portion of APN 011-030-006 which is currently a landscaped area with no structures. Underground utility lines are likely present within these areas. There were also pole and ground mounted transformers within the subject site. There was no staining observed in connection with these transformers. No placards or signs were observed indicating that the transformers contained PCBs. Transformers will not be impacted by the planned improvements and therefore do not represent an environmental concern for the site. Possible slight soil staining was observed along the southern portion of Lincoln Street and possible minimal soil staining near the fire hydrant south of Lincoln Street. Additional pavement staining was observed on the easterly side of

the recycling drop off along Washington Boulevard as well as some stains on asphalt in the parking lot for the Washington Square shopping center located at 699 Washington Boulevard. Stains on asphalt were also observed on the curbside of the westbound lane/parking for All America City Boulevard. Some trash and debris from uncontrolled dumping or disposal areas was observed in the field between Lincoln Street and Washington Boulevard, along northbound Washington Boulevard, in the channel at Washington Boulevard and Lincoln Street, and in the ditch/former transient encampment east of Washington Boulevard. The scent of creosote was observed to be strong along the railroad tracks.

8.0 ADJOINING PROPERTIES

The following paragraphs provide information about the adjoining properties obtained during the site reconnaissance and through review of reasonably ascertainable information.

8.1 NORTH ADJOINING PROPERTIES

Washington Boulevard continues north of the site and the Placer County Fairgrounds are located to the northwest. The Union Pacific Railroad is northeast of the site, along with single-family residential uses.

8.2 EAST ADJOINING PROPERTIES

The Union Pacific Railroad and single-family residential uses are located east of the site.

8.3 SOUTH ADJOINING PROPERTIES

Washington Boulevard and Lincoln Street continue south of the site. The Union Pacific Railroad and single-family residential uses are located to the southeast and the Washington Square shopping center is located to the southwest. Washington Square shopping center does not include regulated facilities and consists of a private gym and health supplement store, medical supply store, tattoo studio, laser printer sales center, art studio, skincare studio, restaurants, dentist office, hair salon, mini-market, liquor store, and church.

8.4 WEST ADJOINING PROPERTIES

Washington Square shopping center is located to the west of the site, along with single-family residential uses and Woodbridge Elementary School.

9.0 REGULATORY RECORDS REVIEW

Kimley-Horn retained EDR to provide current regulatory database information compiled by a variety of federal and state regulatory agencies. A copy of the EDR database reports are included in **Appendix I**. The following is a summary of the findings of the database review.

ENVIRONMENTAL DATABASE SUMMARY

Type	Regulatory Agency Database	Approximate Minimum Search Distance (AMSD)	Number of Sites within AMSD
Federal	National Priority List (NPL) Sites	1 mile	0
Federal	Delisted National Priority List (DNPL) Sites	½ mile	0
Federal	Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) Sites	½ mile	0
Federal	CERCLIS No Further Remediation Action Planned (NFRAP) Sites	½ mile	2
Federal	Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) Sites	1 mile	0
Federal	RCRA non-CORRACTS Treatment, Storage or Disposal (TSD) Sites	½ mile	0
Federal	RCRA Large Quantity Generators (LQG) Sites	¼ mile	0
Federal	RCRA Small Quantity Generators (SQG) Sites	¼ mile	0
Federal	RCRA Conditionally Exempt Small Quantity Generators (CESQG) Sites	¼ mile	0
Federal	RCRA Non-Generators (NON-GEN) Sites	¼ mile	0
Federal	US Brownfield Sites	½ mile	0
Federal	Institutional Control / Engineering Control Registries	½ mile	0
Federal	Environmental Response and Notification System (ERNS)	Subject Property	0
State & Tribal	Hazardous Waste Sites (HWS) (equivalents to NPL)	1 mile	1
State & Tribal	Hazardous Waste Sites (HWS) (equivalents to CERCLIS)	1 mile	0
State & Tribal	ENVIROSTOR (equivalent to CERCLIS)	1 mile	8
State & Tribal	Solid Waste Facilities/Landfill Sites (SWLF)	½ mile	0
State & Tribal	Leaking Underground Storage Tank (LUST) Sites	½ mile	13
State & Tribal	Registered Underground Storage Tank (UST) Sites	¼ mile	1
State & Tribal	Registered Aboveground Storage Tank (AST) Sites	¼ mile	0
State & Tribal	Spill, Leaks, Investigations, and Cleanup (SLIC)	½ mile	3

Type	Regulatory Agency Database	Approximate Minimum Search Distance (AMSD)	Number of Sites within AMSD
State & Tribal	Voluntary Cleanup Program (VCP)	½ mile	0
State & Tribal	Hazardous Waste and Substances Sites List (CORTESE)	½ mile	3
State & Tribal	Historical Hazardous Waste and Substances Sites List (HIST CORTESE)	½ mile	7
State & Tribal	Hazardous Waste Permit (HWP)	1 mile	0
Local	Water Management Unit Database System (WMUDS) Solid Waste Assessment Test (SWAT)	½ mile	0
Local	Hazardous Substance Release Properties (HIST CAL-SITES)	1 mile	1
Local	CERS HAZ WASTE	¼ mile	5
Local	Registered Storage Tanks/Facility Inventory Database (FID)	¼ mile	0
Local	Hazardous Substance Storage Container Database (HIST UST)	¼ mile	6
Local	State Wide Environmental Evaluation and Planning System (SWEEPS)	¼ mile	4
Local	CA FID UST	¼ mile	3
Local	CERS TANKS	¼ mile	1
Local	Toxic Pits	1 mile	0
Local	Deed Restriction Listing (DEED)	½ mile	0
Local	Hazardous Substance Cleanup Bond (CA BOND EXP. PLAN)	1 mile	0
Other	CONSENT	1 mile	0
Other	FINDS	1/1000 mile	1
Other	Record of Decision (ROD)	1 mile	0
Other	EDR Historic Auto	1/8 mile	1
Either	Unmappable Database Listings (a.k.a. Orphan Sites)	database-dependent	0

9.1 SUBJECT PROPERTY AND OCCUPANT LISTINGS

The subject Property was not identified in the referenced databases.

9.2 ADJOINING AND NEARBY SITES

Kimley-Horn's review of the referenced databases also considered the potential or likelihood of contamination from adjoining and nearby sites. To evaluate which of the adjoining and nearby sites identified in the regulatory database report present an environmental risk to the subject property, Kimley-Horn considered the following criteria:

- The type of database on which the adjoining/nearby property is identified.
- The topographic position of the property relative to the subject property.
- The direction and distance of the identified facility from the subject property.
- Local soil conditions in the subject property area.
- The known and/or inferred ground water flow direction in the subject property area.
- The status of the respective regulatory agency-required investigations and/or cleanup associated with the identified facility.
- Surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) located between the identified site and the subject property.

Only those sites that are judged to present a potential environmental risk to the subject property and/or warrant additional clarification are further evaluated. Using the referenced criteria, and based upon a review of readily available information contained within the regulatory database report, Kimley-Horn did not identify adjoining (i.e., bordering) or nearby sites (e.g., properties within a ¼-mile radius) listed in the regulatory database report that were judged to present a potential environmental risk to the subject property with the exception of the following:

- Placer County Fair (All American Speedway) located at 800 All America City Boulevard (immediately adjacent to the site to the west)

  This facility is listed on the CERS, LUST, HIST CORTESE and Cortese databases in the EDR report. The site is also listed on the GeoTracker database (http://geotracker.waterboards.ca.gov/ accessed May 16, 2019) as a Leaking Underground Storage Tank (LUST). According to GeoTracker, this facility is open, but eligible for closure as of March 28, 2019. According to GeoTracker, there was an unauthorized release from an underground storage tank that was discovered in August of 1998. Corrective action occurred under the direction of the Central Valley Regional Water Quality Control Board (CVRWQCB). Corrective action consisted of site investigation, planning and implementation of remedial action, and verification monitoring. As of March 28, 2019, the site is eligible for closure. The most recent correspondence provided in GeoTracker is a letter dated May 8, 2019 from CVRWQCB that states the site needs to complete a mandated public comment period. The CVRWQCB is required to disclose to the public the intent to close the LUST case for this site. Assuming this administrative step will be completed and no further investigations are warranted as a result of the public comment period, this site will receive a "No Further Action Letter". See Section 4.8 for details of CUPA records regarding hazard material concerns for this facility. However, given improvements that require ground disturbance are planned immediately adjacent to this facility and there is potential for construction activities to disturb contaminated soil and groundwater, **this facility is considered a REC** for the subject site.

9.3 VAPOR EVALUATION

The ASTM E1527-13 document standardizes the terms release and migration consistent with those used in CERCLA and AAI. As such, potentially harmful vapors must be evaluated during the completion of a Phase I ESA.

Kimley-Horn performed a Tier 1 Vapor Encroachment Screening (VES) as defined in ASTM E2600-10[1], with the purpose of identifying if a Vapor Encroachment Condition (VEC) exists in association with the subject site (**Appendix J**). A VEC is defined as the presence or likely presence of contaminants of concern

[1] Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions

(COC) vapors in the subsurface of the subject site caused by a release of hazardous substances and/or petroleum compounds into soil and groundwater.

Current and historical uses were evaluated within the Area of Concern (AOC) during the completion of the Tier 1 VES. As indicated in ASTM 2600-10, the radial distance of the AOC for non-petroleum hydrocarbon COCs (i.e. chlorinated VOCs) is 1/3-mile and 1/10 mile for petroleum hydrocarbons.

The VES identified multiple sites at higher elevations than the subject site within the Area of Concern (AOC) for both non-petroleum hydrocarbon COCs and petroleum hydrocarbons. Thus, according to the reasonably ascertainable information reviewed during this screening process, Kimley-Horn has determined that a Vapor Encroachment Condition (VEC) cannot be ruled out because a VEC does or is likely to exist as a result of the existence of multiple facilities upgradient of the subject site and within the designated AOC, with known or with the potential to handle or store non-petroleum hydrocarbon COCs or petroleum hydrocarbons.

10.0 FINDINGS, OPINIONS AND CONCLUSIONS

Kimley-Horn's findings and conclusions are as follows:

10.1 SIGNIFICANT DATA GAPS

Kimley-Horn did not identify or encounter any instances of significant data gaps during the course of this ISA. We have performed an ISA in conformance with the scope and limitations of ASTM Practice E 1527-13 of the subject property located at the intersection of Washington Boulevard, All America City Boulevard, and Lincoln Street located within the City of Roseville Right of Way (R/W) and a portion of APN 011-030-006. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

10.2 RECOGNIZED ENVIRONMENTAL CONDITIONS (RECS)

A recognized environmental condition (REC) is defined in the ASTM Standard as the presence or likely presence of hazardous substances or petroleum products in, on, or at a property: 1) due to release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment. Kimley-Horn identified the following REC in association with the subject site:

- Placer County Fair (All American Speedway) located at 800 All America City Boulevard (immediately adjacent to the site to the west)

Given that improvements which require ground disturbance are planned immediately adjacent to this facility and there is potential for construction activities to disturb contaminated soil and groundwater, the facility listed above is considered a REC for the subject site. Locations of the REC noted above is shown in **Figure 5**.

10.3 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

A historical REC (HREC), as defined in the ASTM Standard, is a past release of any hazardous substance and/or petroleum product that has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria. No known past releases were associated with the subject site. As such, Kimley-Horn has not identified any HRECs in association with the subject property.

10.4 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS

A controlled REC (CREC), as defined in the ASTM Standard, is a REC resulting from a past release of hazardous substances and/or petroleum products in which the regulatory agency has allowed contamination to remain in place at the property which is subject to the implementation of required controls and/or restrictive use. No known past releases were associated with the subject site. As such, Kimley-Horn has not identified any CRECs in association with the subject property.

10.5 LEAD AND ASBESTOS CONTAINING MATERIAL

Lead-Based Paint (LBP) is defined as paint or other surface coatings which contain a lead concentration greater than or equal to 1.0 milligram per square centimeter or 0.5 percent by weight. The use of LBP was prohibited in 1978. The California OSHA defines asbestos-containing construction materials (ACCM) as any manufactured construction material which contains more than 1/10th of 1% asbestos by weight.
There are no buildings or structures being demolished as a result of planned improvements; therefore, LBP and ACM are not a concern for the subject site.

The average lead concentrations in thermoplastic traffic striping are less than 1,000 mg/kg total lead and 5 mg/L soluble lead. No disturbance of thermoplastic traffic striping is anticipated with planned improvements; therefore, lead associated with impacting or disposal of thermoplastic traffic striping is not a concern for the subject site.

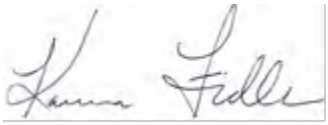
10.6 RECOMMENDATIONS

The findings of the Phase I ISA suggest that a contaminated site is located immediately adjacent to the proposed right-of-way corridor. At this site, impacts to the soil or ground water by deleterious substances are known or suspected to be present. As such, there is the potential for contaminated media to be encountered during the proposed improvement activities. At the time of this report, ground disturbance for such planned improvements are located adjacent to the REC listed above. Therefore, Kimley-Horn recommends the preparation of a Soil Management Plan for the site.

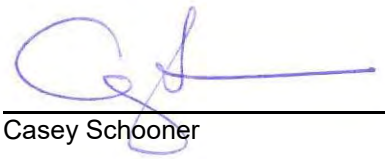
The Soil Management Plan should identify the nearby contaminated site(s), affected media, and corresponding contaminants of concern. Specific procedures should be identified for handling the potentially impacted media during construction. Furthermore, a contingency plan should be incorporated into the Soil Management Plan in the event that gross contamination is discovered during construction. The Soil Management Plan should also outline health and safety concerns for workers coming in contact with potentially contaminated media.

11.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental professional* as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312.



Karina Fidler, AICP, CPESC, QSD/QSP



Casey Schooner

12.0 REFERENCES

The following published sources were utilized during completion of this ISA:

- California Department of Transportation (Caltrans), Project Development Procedures Manual 1999.

- Environmental Data Resources (EDR), Inc., *Washington Blvd At All America City Rndabt EDR Radius Map™ with Geocheck®, EDR Historical Topographic Map Report, EDR City Directory Abstract, EDR Aerial Photo Decade Package, Certified Sanborn Map Report*, May 2019.

- *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process,* ASTM, ASTM Designation E 1527-13, Published November 2013.

- United States Geological Survey Division (U.S.G.S.) 7.5 Minute Topographic Map, *Roseville Quadrangle,* 2018.



Figure 1: Regional Map

Washington Boulevard and All America City Boulevard Roundabout Project

Not to scale

Kimley»Horn



Figure 2: Project Location Map
Washington Boulevard and All America City Boulevard Roundabout Project

Not to scale

Kimley»Horn



FIGURE 3: Project Footprint Map

Washington Boulevard and All America City Boulevard Roundabout Project

Not to scale

Kimley»Horn

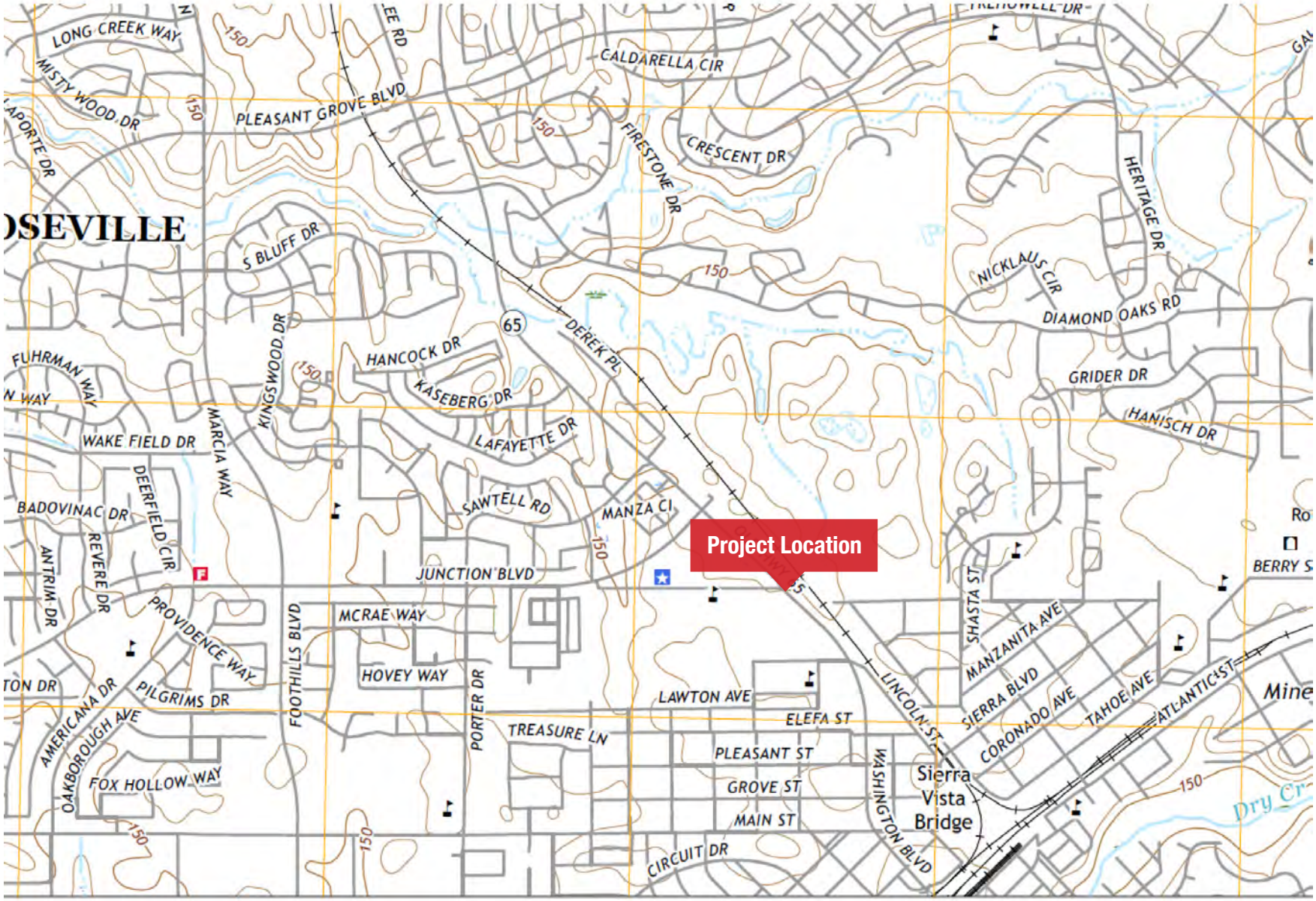


FIGURE 4: Site Topographic Map

Washington Boulevard and All America City Boulevard Roundabout Project

Not to scale

Kimley»Horn

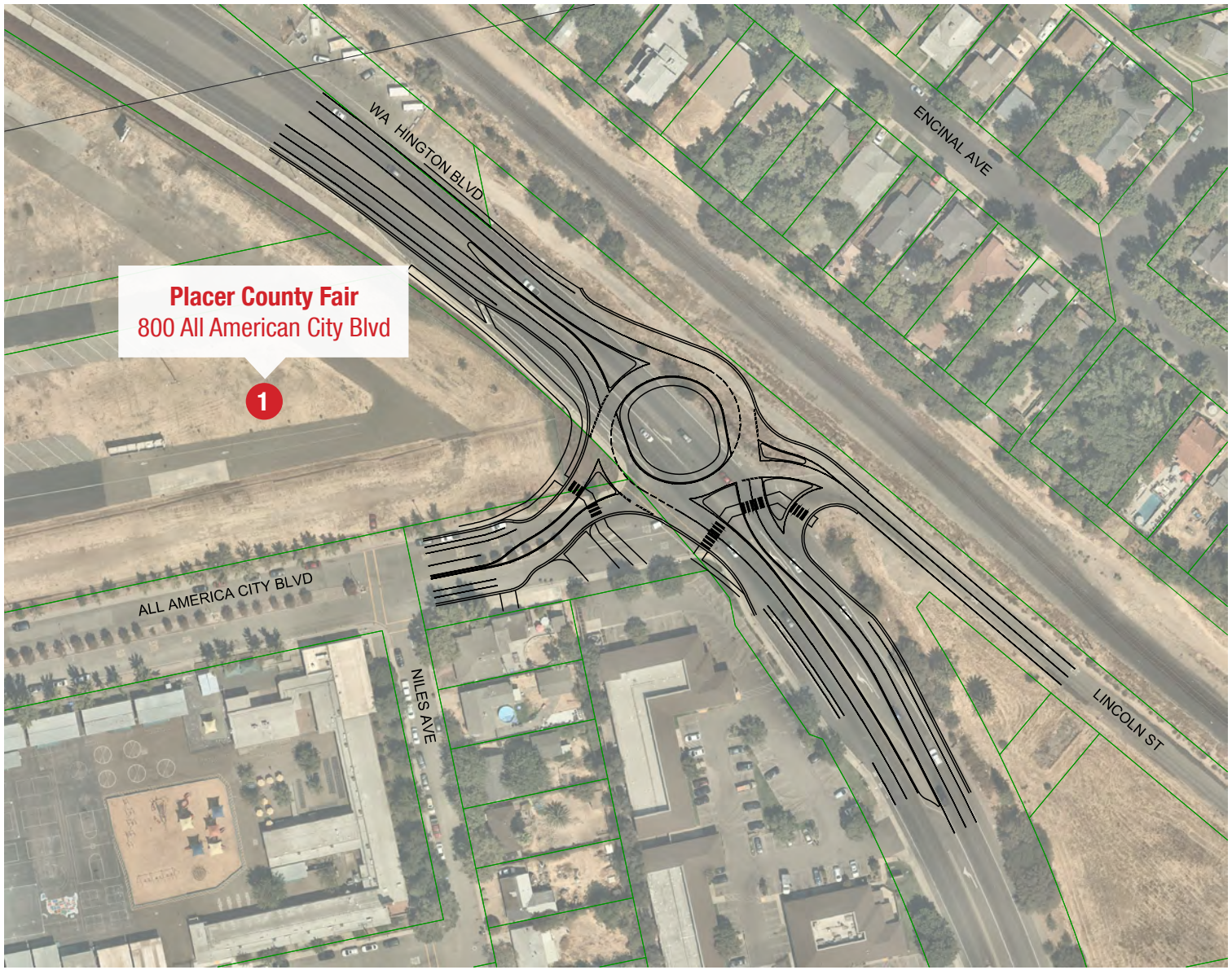


FIGURE 5: REC Location Map

Washington Boulevard and All America City Boulevard Roundabout Project

Not to scale

Kimley»Horn

Appendix A

USDA/NRCS Soil Survey Information

United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Washington Boulevard at All America City Boulevard Roundabout



May 2, 2019

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Contents

Preface.....2
How Soil Surveys Are Made.....5
Soil Map.....8
Soil Map.....9
Legend.....10
Map Unit Legend.....11
Map Unit Descriptions.....11
Placer County, California, Western Part.....13
142—Cometa-Ramona sandy loams, 1 to 5 percent slopes.....13
References.....15

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



Map Scale: 1:1,620 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 20 40 80 120

Feet
0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Placer County, California, Western Part
Survey Area Data: Version 10, Sep 12, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 12, 2016—Mar 28, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
142	Cometa-Ramona sandy loams, 1 to 5 percent slopes	3.2	100.0%
Totals for Area of Interest		**3.2**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Placer County, California, Western Part

142—Cometa-Ramona sandy loams, 1 to 5 percent slopes

Map Unit Setting

National map unit symbol: hfzl
Elevation: 20 to 3,500 feet
Mean annual precipitation: 10 to 23 inches
Mean annual air temperature: 63 degrees F
Frost-free period: 230 to 320 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Cometa and similar soils: 50 percent
Ramona and similar soils: 30 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Cometa

Setting

Landform: Terraces
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from granite

Typical profile

H1 - 0 to 18 inches: sandy loam
H2 - 18 to 29 inches: clay
H3 - 29 to 60 inches: sandy loam

Properties and qualities

Slope: 1 to 5 percent
Depth to restrictive feature: About 18 inches to abrupt textural change
Natural drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Very low (about 2.2 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: D
Hydric soil rating: No

Description of Ramona

Setting

Landform: Terraces
Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from granite

Typical profile

H1 - 0 to 6 inches: sandy loam
H2 - 6 to 14 inches: loam
H3 - 14 to 55 inches: sandy clay loam
H4 - 55 to 73 inches: gravelly sandy loam

Properties and qualities

Slope: 1 to 5 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: C
Hydric soil rating: No

Minor Components

San joaquin

Percent of map unit: 5 percent
Hydric soil rating: No

Fiddyment

Percent of map unit: 5 percent
Hydric soil rating: No

Alamo

Percent of map unit: 5 percent
Landform: Depressions
Hydric soil rating: Yes

Xerofluvent

Percent of map unit: 5 percent
Landform: Drainageways
Hydric soil rating: Yes

References

American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.

American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.

Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.

Federal Register. July 13, 1994. Changes in hydric soils of the United States.

Federal Register. September 18, 2002. Hydric soils of the United States.

Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.

National Research Council. 1995. Wetlands: Characteristics and boundaries.

Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262

Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577

Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580

Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.

United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.

United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374

United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

Appendix B

EDR Historical Aerial Photograph

Washington Blvd At All America City Blvd Rndabt

Washington Blvd/All America City Blvd/Lincoln St

Roseville, CA 95678

Inquiry Number: 5642154.8

May 06, 2019

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

05/06/19

Site Name:

Washington Blvd At All America
Washington Blvd/All America C
Roseville, CA 95678
EDR Inquiry # 5642154.8

Client Name:

Kimley Horn & Associates, Inc.
401 B Street
San Diego, CA 92101
Contact: Casey Schooner

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Acquisition Date: August 17, 1998	USGS/DOQQ
1993	1"=500'	Flight Date: May 23, 1993	USGS
1984	1"=500'	Flight Date: June 08, 1984	USDA
1975	1"=500'	Flight Date: August 25, 1975	USGS
1972	1"=500'	Flight Date: June 28, 1972	USDA
1966	1"=500'	Flight Date: August 04, 1966	USGS
1962	1"=500'	Flight Date: July 28, 1962	USGS
1957	1"=500'	Flight Date: August 24, 1957	USDA
1952	1"=500'	Flight Date: July 18, 1952	USDA
1947	1"=500'	Flight Date: July 28, 1947	USGS
1938	1"=500'	Flight Date: September 10, 1938	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, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, 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 a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 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, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.


INQUIRY #: 5642154.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 5642154.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 5642154.8
YEAR: 2009
= 500'
N
EDR

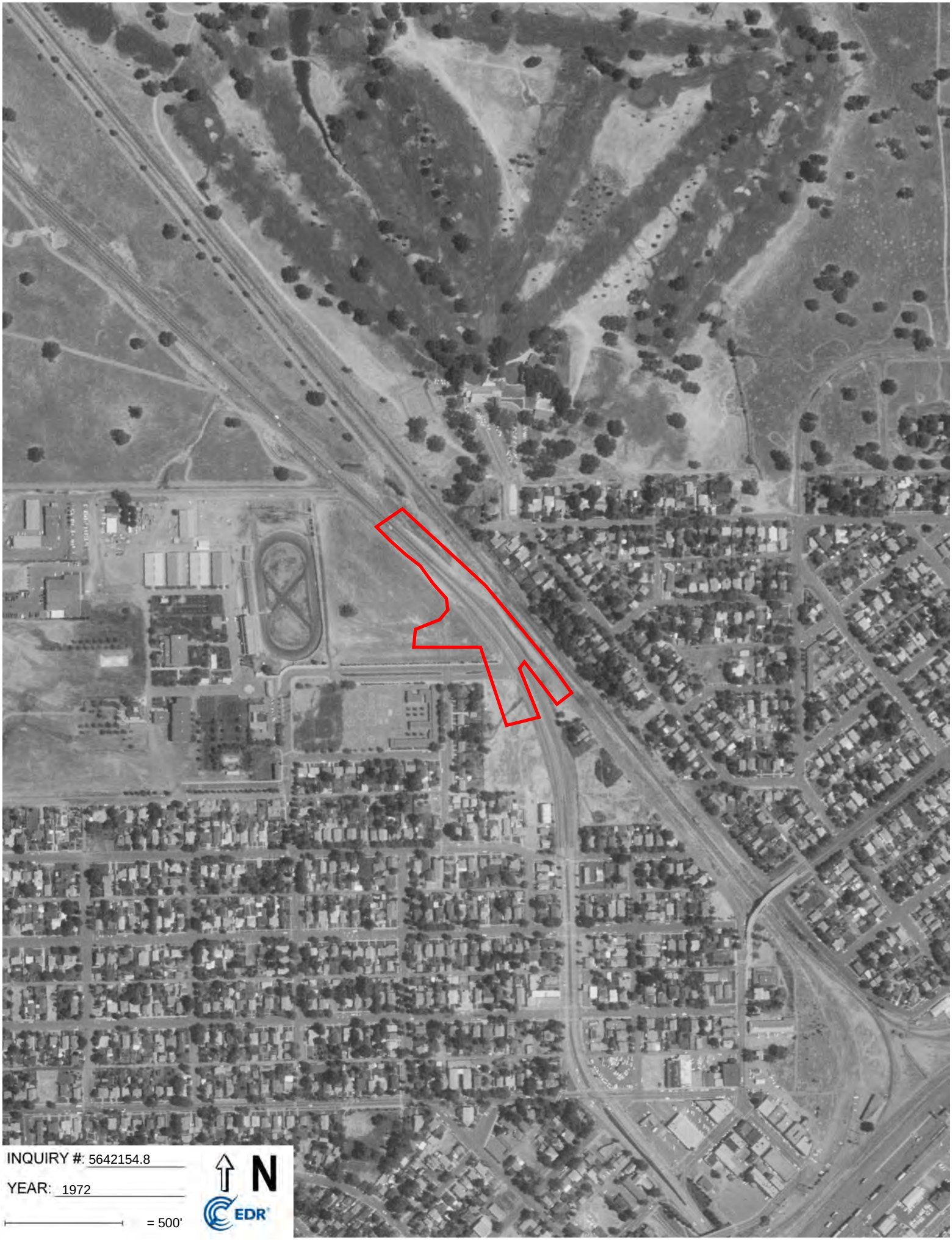

INQUIRY #: 5642154.8
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 5642154.8
YEAR: 1998
= 500'
N
EDR


INQUIRY #: 5642154.8
YEAR: 1993
= 500'
N
EDR


INQUIRY #: 5642154.8
YEAR: 1984
= 500'
N
EDR


INQUIRY #: 5642154.8
YEAR: 1975
= 500'
N
EDR


INQUIRY #: 5642154.8
YEAR: 1972
= 500'
N
EDR

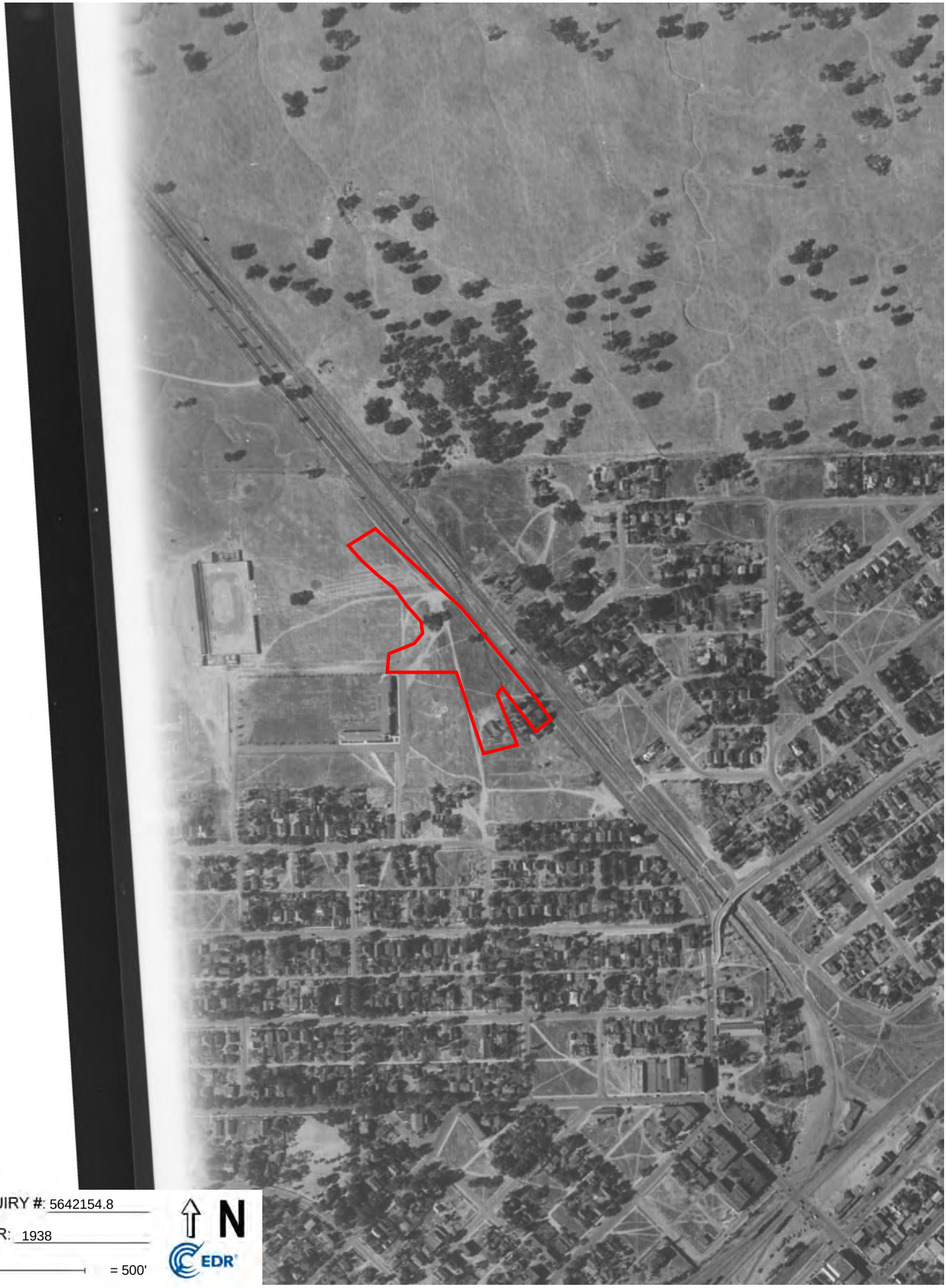

INQUIRY #: 5642154.8
YEAR: 1966
= 500'
N
EDR


INQUIRY #: 5642154.8
YEAR: 1962
= 500'
N
EDR


INQUIRY #: 5642154.8
YEAR: 1957
= 500'
N
EDR


INQUIRY #: 5642154.8
YEAR: 1952
= 500'
N
EDR


INQUIRY #: 5642154.8
YEAR: 1947
= 500'
N
EDR



INQUIRY #: 5642154.8

YEAR: 1938

= 500'

N

EDR

Appendix C

Certified Sanborn Map Report

Washington Blvd At All America City Blvd Rndabt

Washington Blvd/All America City Blvd/Lincoln St

Roseville, CA 95678

Inquiry Number: 5642154.3

May 06, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

05/06/19

Site Name:

Washington Blvd At All Americ
Washington Blvd/All America C
Roseville, CA 95678
EDR Inquiry # 5642154.3

Client Name:

Kimley Horn & Associates, Inc.
401 B Street
San Diego, CA 92101
Contact: Casey Schooner

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Kimley Horn & Associates, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # B2EF-4061-BF48

PO # 98918026

Project Washington Blvd & All American

Maps Provided:

1960
1958
1944
1925

Sanborn® Library search results

Certification #: B2EF-4061-BF48

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Kimley Horn & Associates, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, 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 a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 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, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

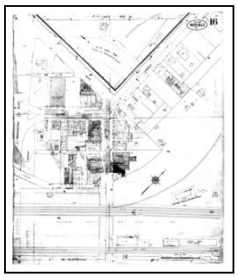
1960 Source Sheets



Volume 1, Sheet 2
1960



Volume 1, Sheet 6
1960



Volume 1, Sheet 16
1960

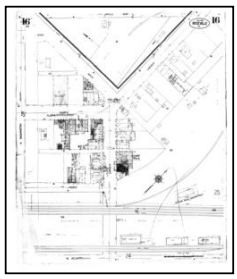
1958 Source Sheets



Volume 1, Sheet 2
1958



Volume 1, Sheet 6
1958



Volume 1, Sheet 16
1958

1944 Source Sheets



Volume 1, Sheet 2
1944



Volume 1, Sheet 6
1944



Volume 1, Sheet 16
1944

1925 Source Sheets



Volume 1, Sheet 2
1925



Volume 1, Sheet 16
1925

Certified Sanborn® Map

1960

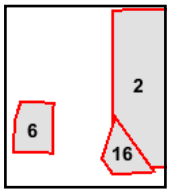
Site Name: Washington Blvd At All America City Blvd Rndabt
Address: Washington Blvd/All America City Blvd/Lincoln St
City, ST, ZIP: Roseville, CA 95678
Client: Kimley Horn & Associates, Inc.
EDR Inquiry: 5642154.3
Order Date: 05/06/2019
Certification #: B2EF-4061-BF48
Copyright 1960

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # B2EF-4061-BF48

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 1, Sheet 16
Volume 1, Sheet 6
Volume 1, Sheet 2

0 Feet 150 300 600

N

Certified Sanborn® Map

1958

Site Name: Washington Blvd At All America City Blvd Rndabt
Address: Washington Blvd/All America City Blvd/Lincoln St
City, ST, ZIP: Roseville, CA 95678
Client: Kimley Horn & Associates, Inc.
EDR Inquiry: 5642154.3
Order Date: 05/06/2019
Certification #: B2EF-4061-BF48
Copyright 1958

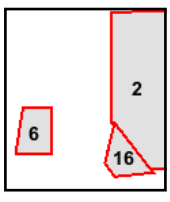
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # B2EF-4061-BF48

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





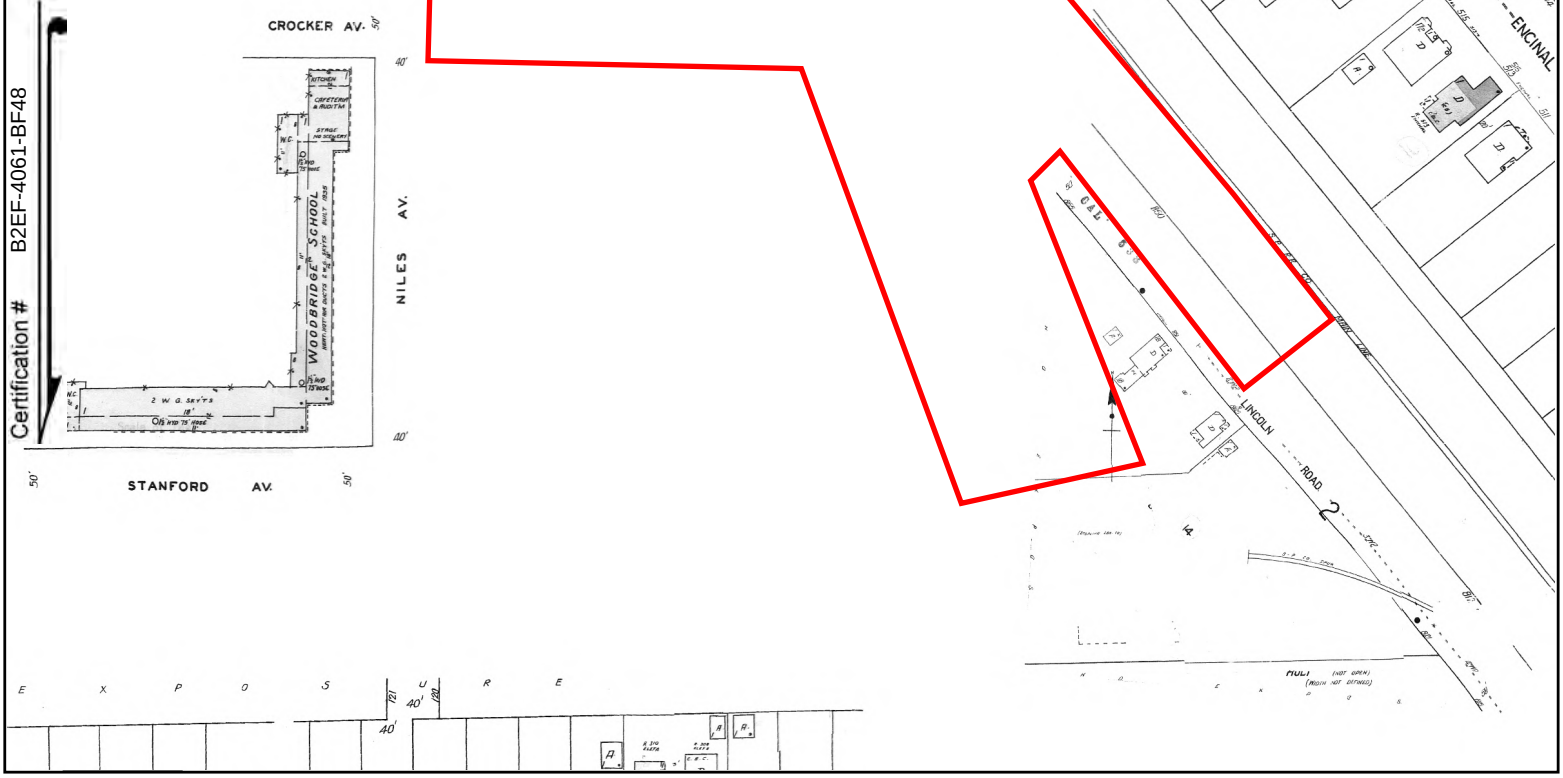
Volume 1, Sheet 16
Volume 1, Sheet 6
Volume 1, Sheet 2

N

Site Name: Washington Blvd At All America City Blvd Rndabt
Address: Washington Blvd/All America City Blvd/Lincoln St
City, ST, ZIP: Roseville, CA 95678
Client: Kimley Horn & Associates, Inc.
EDR Inquiry: 5642154.3
Order Date: 05/06/2019
Certification #: B2EF-4061-BF48
Copyright 1944

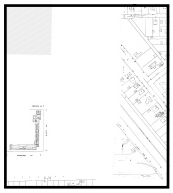
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

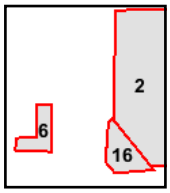
Certification # B2EF-4061-BF48



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





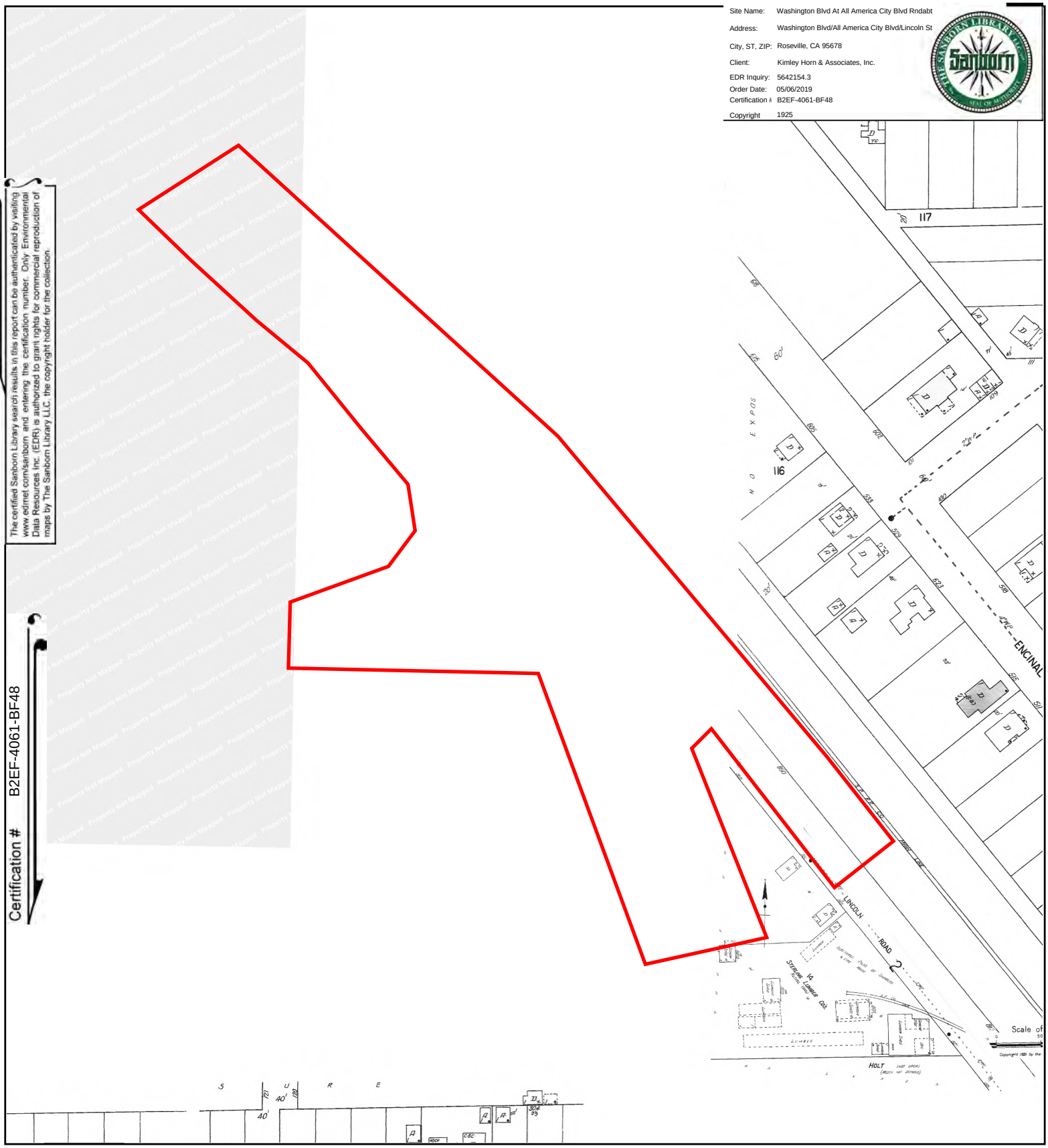
Volume 1, Sheet 16
Volume 1, Sheet 6
Volume 1, Sheet 2

N

Site Name: Washington Blvd At All America City Blvd Rndabt
Address: Washington Blvd/All America City Blvd/Lincoln St
City, ST, ZIP: Roseville, CA 95678
Client: Kimley Horn & Associates, Inc.
EDR Inquiry: 5642154.3
Order Date: 05/06/2019
Certification #: B2EF-4061-BF48
Copyright 1925

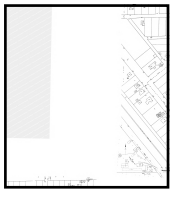
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

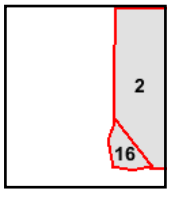
Certification # B2EF-4061-BF48



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





Volume 1, Sheet 16
Volume 1, Sheet 2

N

Appendix D

Historical Topographic Map Report

Washington Blvd At All America City Blvd Rndabt

Washington Blvd/All America City Blvd/Lincoln St

Roseville, CA 95678

Inquiry Number: 5642154.4

May 03, 2019

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

05/03/19

Site Name:	Client Name:
Washington Blvd At All America	Kimley Horn & Associates, Inc.
Washington Blvd/All America C	401 B Street
Roseville, CA 95678	San Diego, CA 92101
EDR Inquiry # 5642154.4	Contact: Casey Schooner

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Kimley Horn & Associates, 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.# 98918026

Project: Washington Blvd & All America

Coordinates:

Latitude:	38.757188 38° 45' 26" North
Longitude:	-121.288591 -121° 17' 19" West
UTM Zone:	Zone 10 North
UTM X Meters:	648703.91
UTM Y Meters:	4291222.58
Elevation:	160.00' above sea level

Maps Provided:

2012	1942
1992	1941
1981	1910, 1911
1980	1902
1975	1893
1967	1892
1953, 1954	1891
1951, 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, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, 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 a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 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, Inc. 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.

2012 Source Sheets



Roseville
2012
7.5-minute, 24000



Citrus Heights
2012
7.5-minute, 24000

1992 Source Sheets

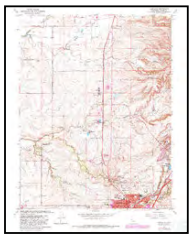


Roseville
1992
7.5-minute, 24000
Aerial Photo Revised 1992



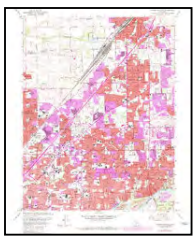
Citrus Heights
1992
7.5-minute, 24000
Aerial Photo Revised 1992

1981 Source Sheets



Roseville
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1980 Source Sheets



Citrus Heights
1980
7.5-minute, 24000
Aerial Photo Revised 1978

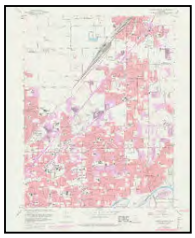
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1975 Source Sheets

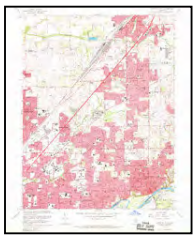


Roseville
1975
7.5-minute, 24000
Aerial Photo Revised 1975



Citrus Heights
1975
7.5-minute, 24000
Aerial Photo Revised 1975

1967 Source Sheets



Citrus Heights
1967
7.5-minute, 24000
Aerial Photo Revised 1966

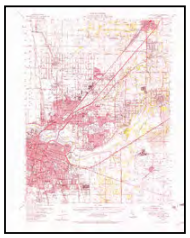


Roseville
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1953, 1954 Source Sheets



Lincoln
1953
15-minute, 62500



Fair Oaks
1954
15-minute, 62500

1951, 1953 Source Sheets



Citrus Heights
1951
7.5-minute, 24000
Aerial Photo Revised 1947

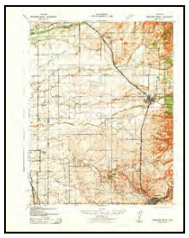


Roseville
1953
7.5-minute, 24000
Aerial Photo Revised 1949

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1942 Source Sheets



Markham Ravine
1942
15-minute, 62500
Aerial Photo Revised 1939

1941 Source Sheets



MARKHAM RAVINE
1941
15-minute, 62500

1910, 1911 Source Sheets



Roseville
1910
7.5-minute, 31680



Antelope
1911
7.5-minute, 31680

1902 Source Sheets



Fairoaks
1902
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1893 Source Sheets



Sacramento
1893
30-minute, 125000

1892 Source Sheets

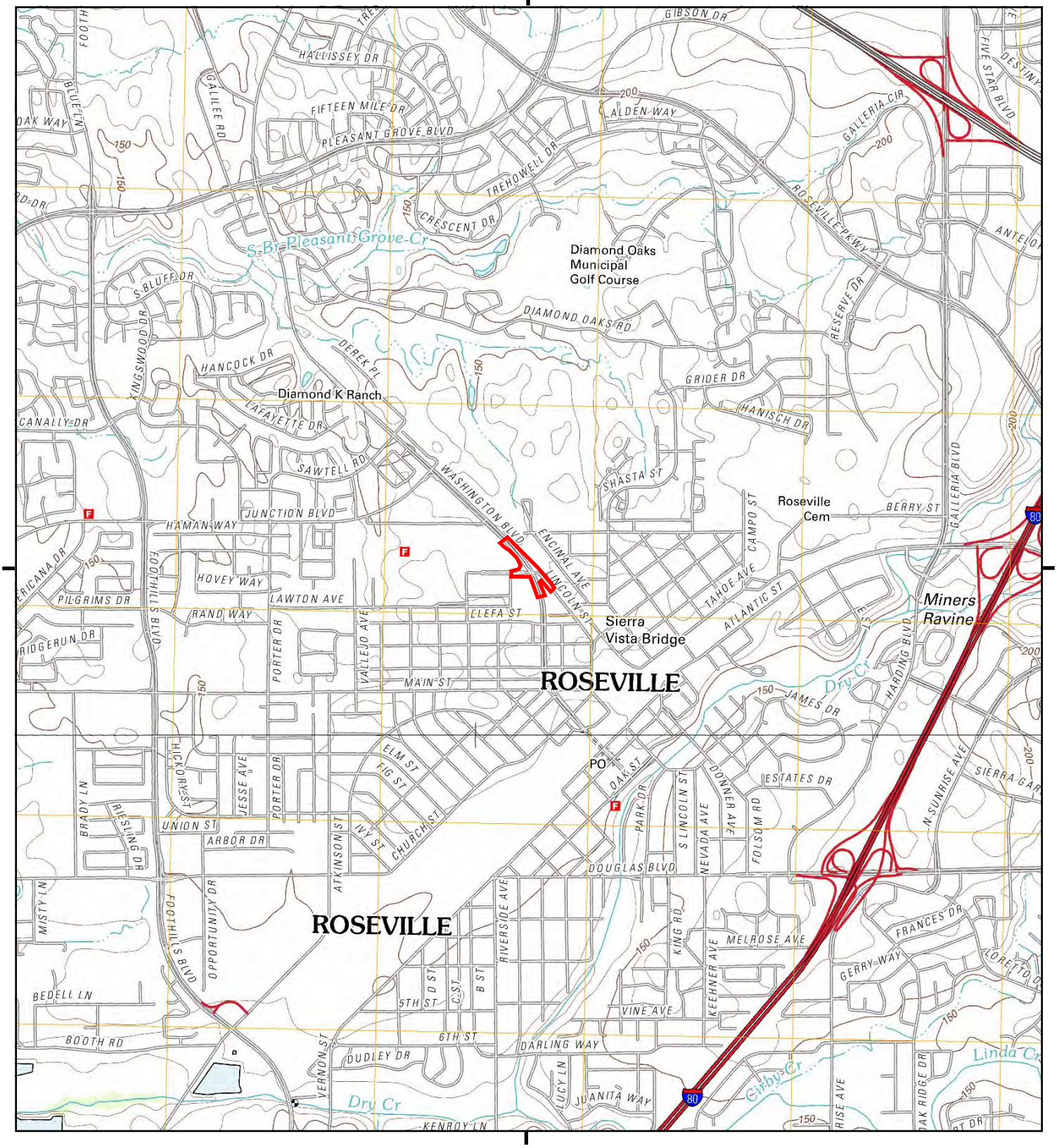


Sacramento
1892
30-minute, 125000

1891 Source Sheets



Sacramento
1891
30-minute, 125000



This report includes information from the following map sheet(s).

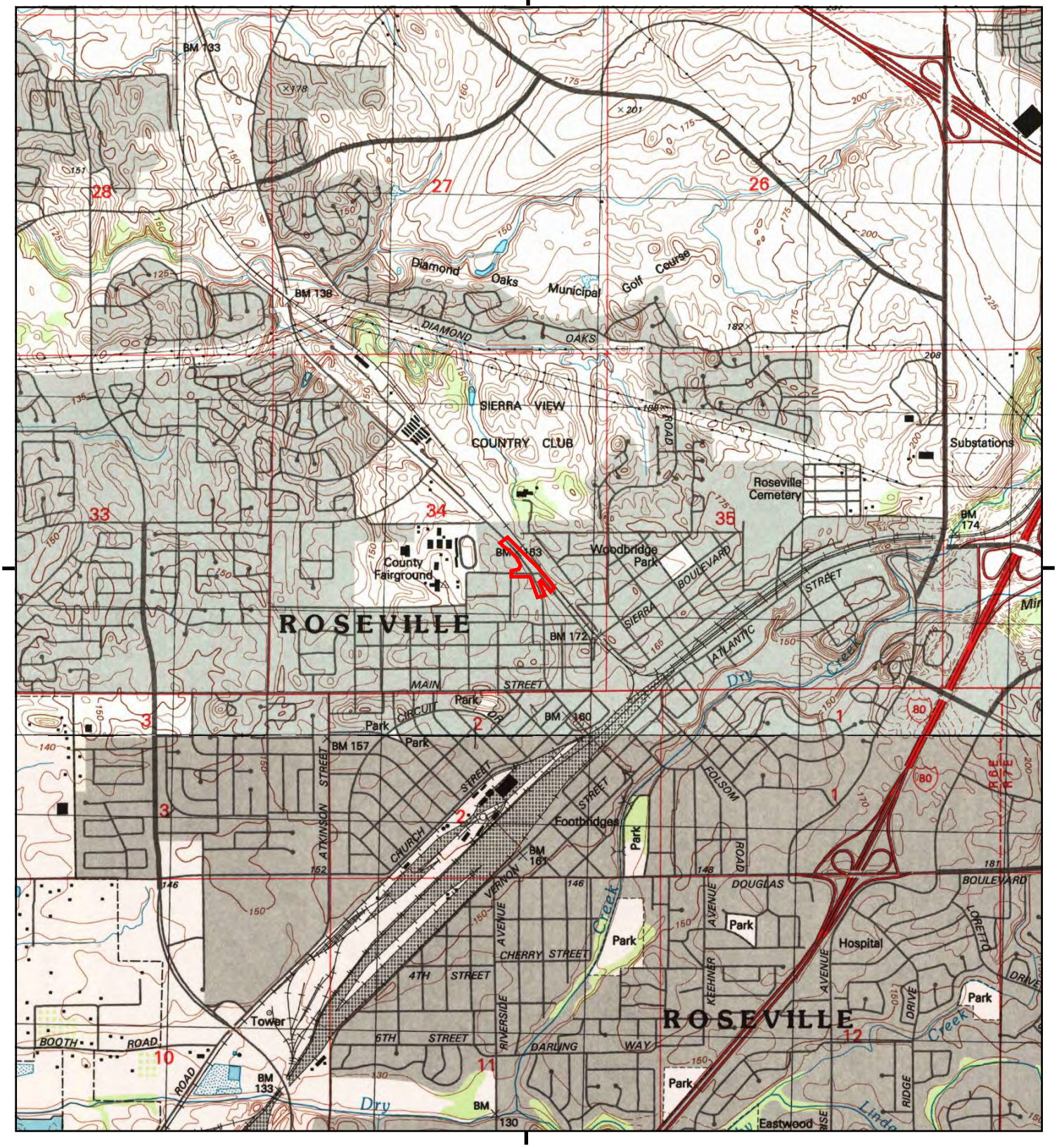
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Roseville, 2012, 7.5-minute
S, Citrus Heights, 2012, 7.5-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, Inc.

N



This report includes information from the following map sheet(s).

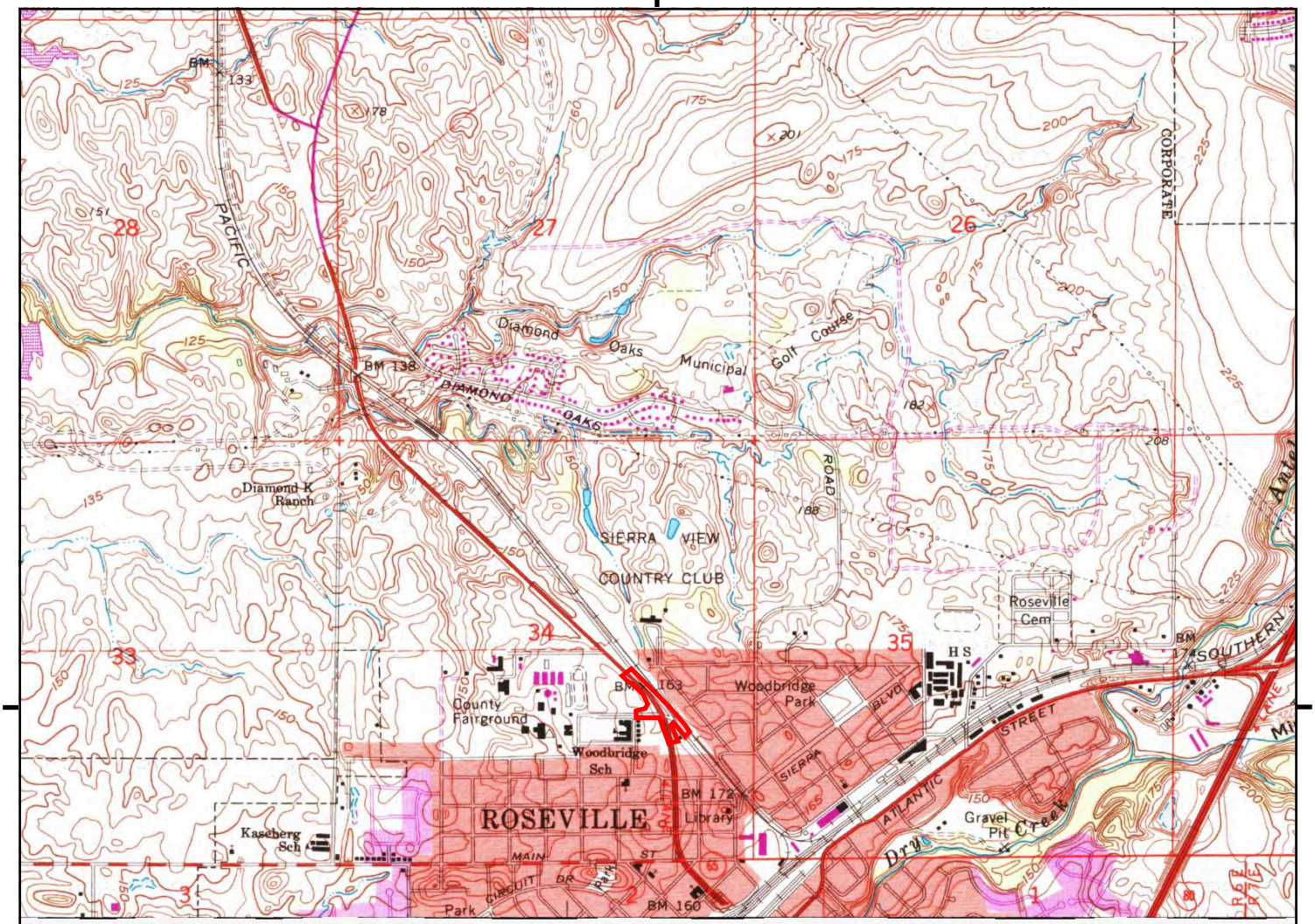
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Roseville, 1992, 7.5-minute
S, Citrus Heights, 1992, 7.5-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, Inc.

N



UNMAPPED

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

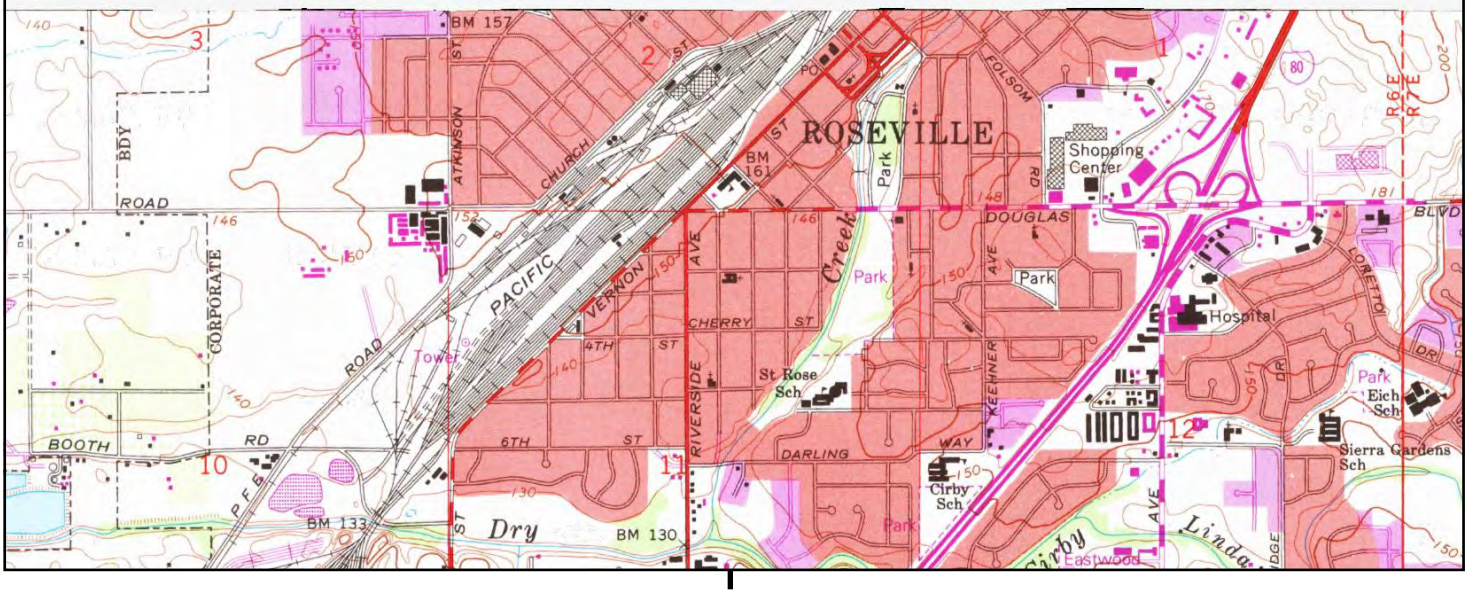
NW N NE
W E
SW S SE

TP, Roseville, 1981, 7.5-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, Inc.

N

UNMAPPED



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

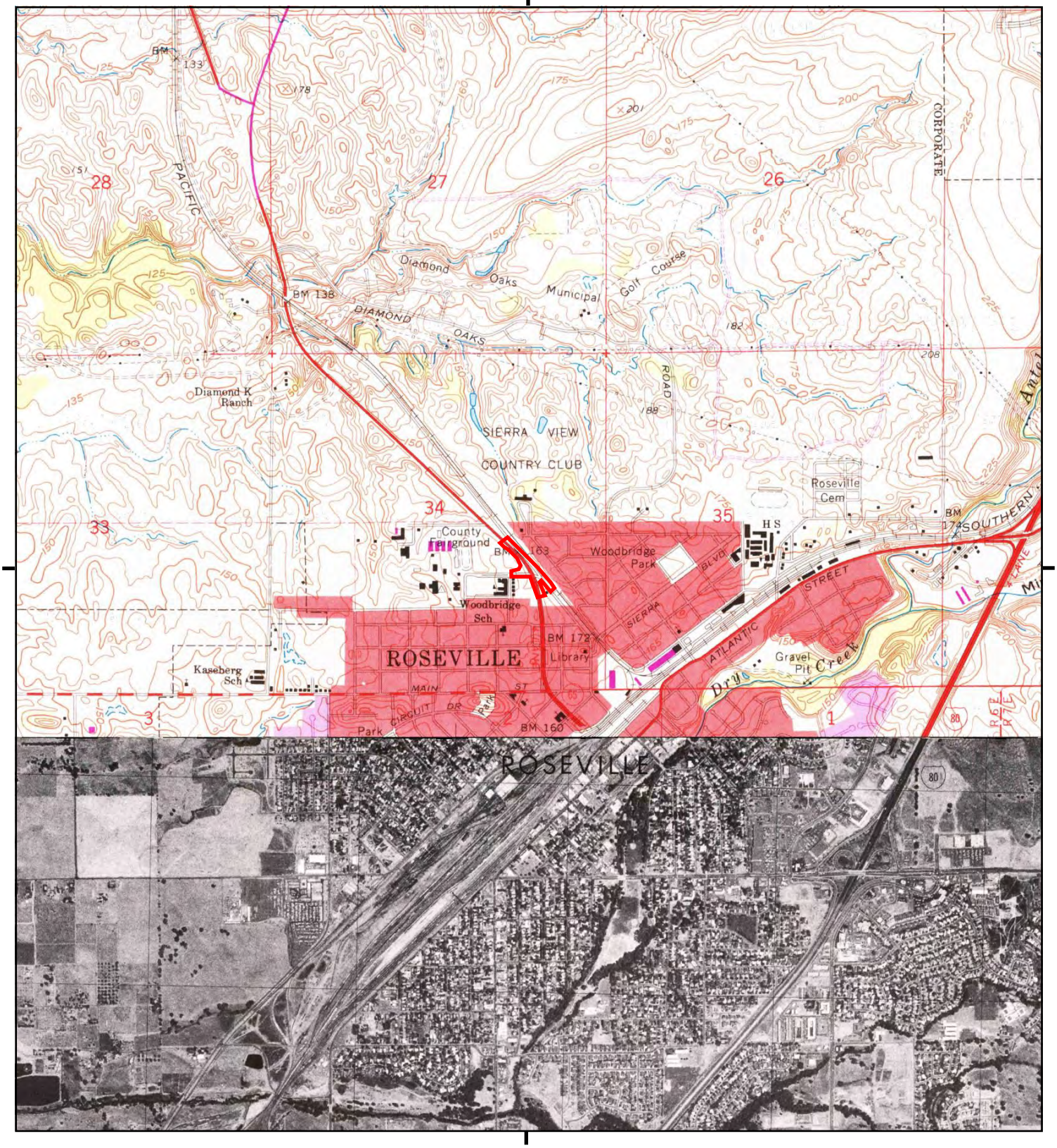
S, Citrus Heights, 1980, 7.5-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, Inc.

N

Historical Topo Map

1975



This report includes information from the following map sheet(s).

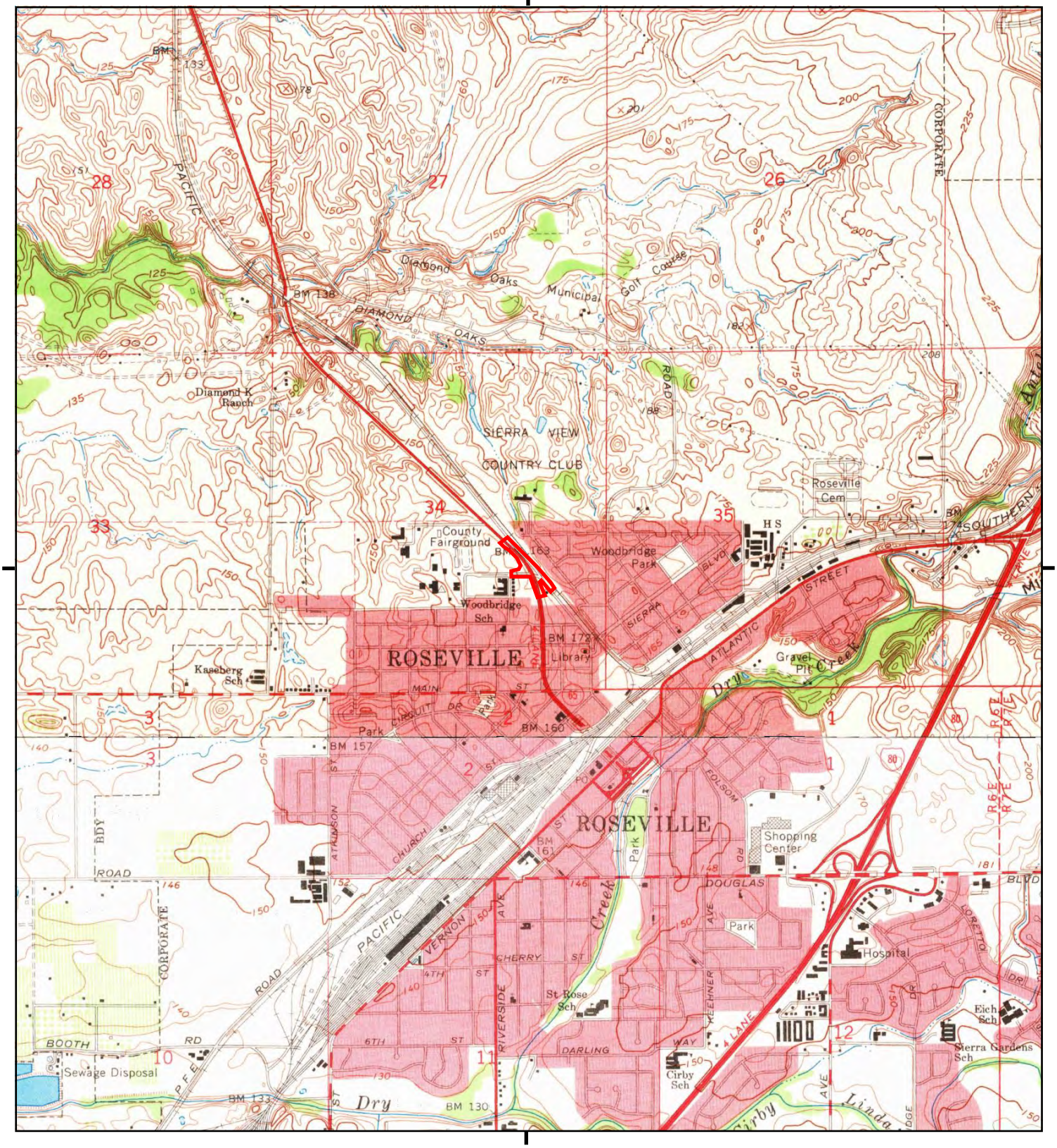
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Roseville, 1975, 7.5-minute
S, Citrus Heights, 1975, 7.5-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, Inc.

N



This report includes information from the following map sheet(s).

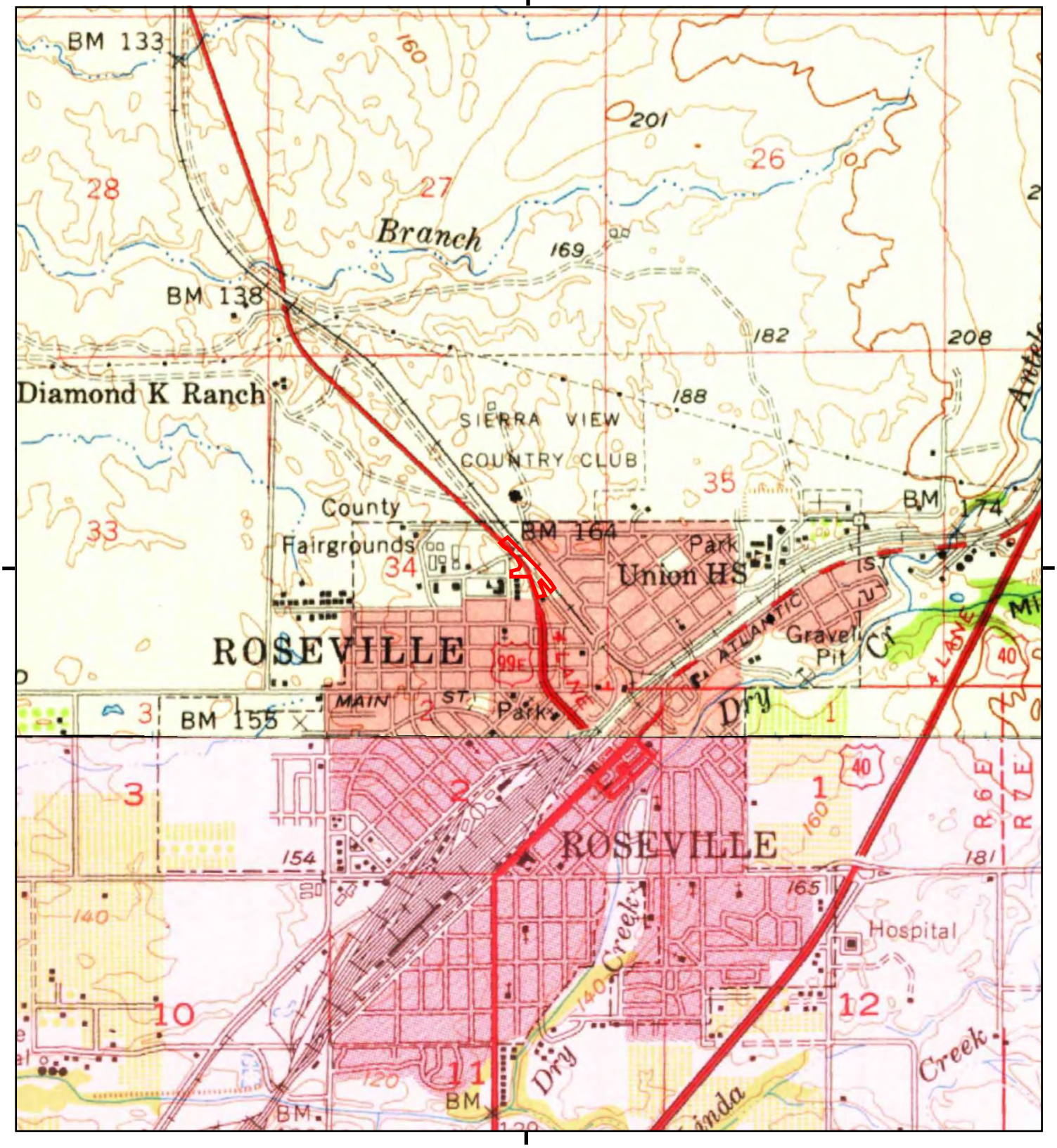
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Roseville, 1967, 7.5-minute
S, Citrus Heights, 1967, 7.5-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, Inc.

N



This report includes information from the following map sheet(s).

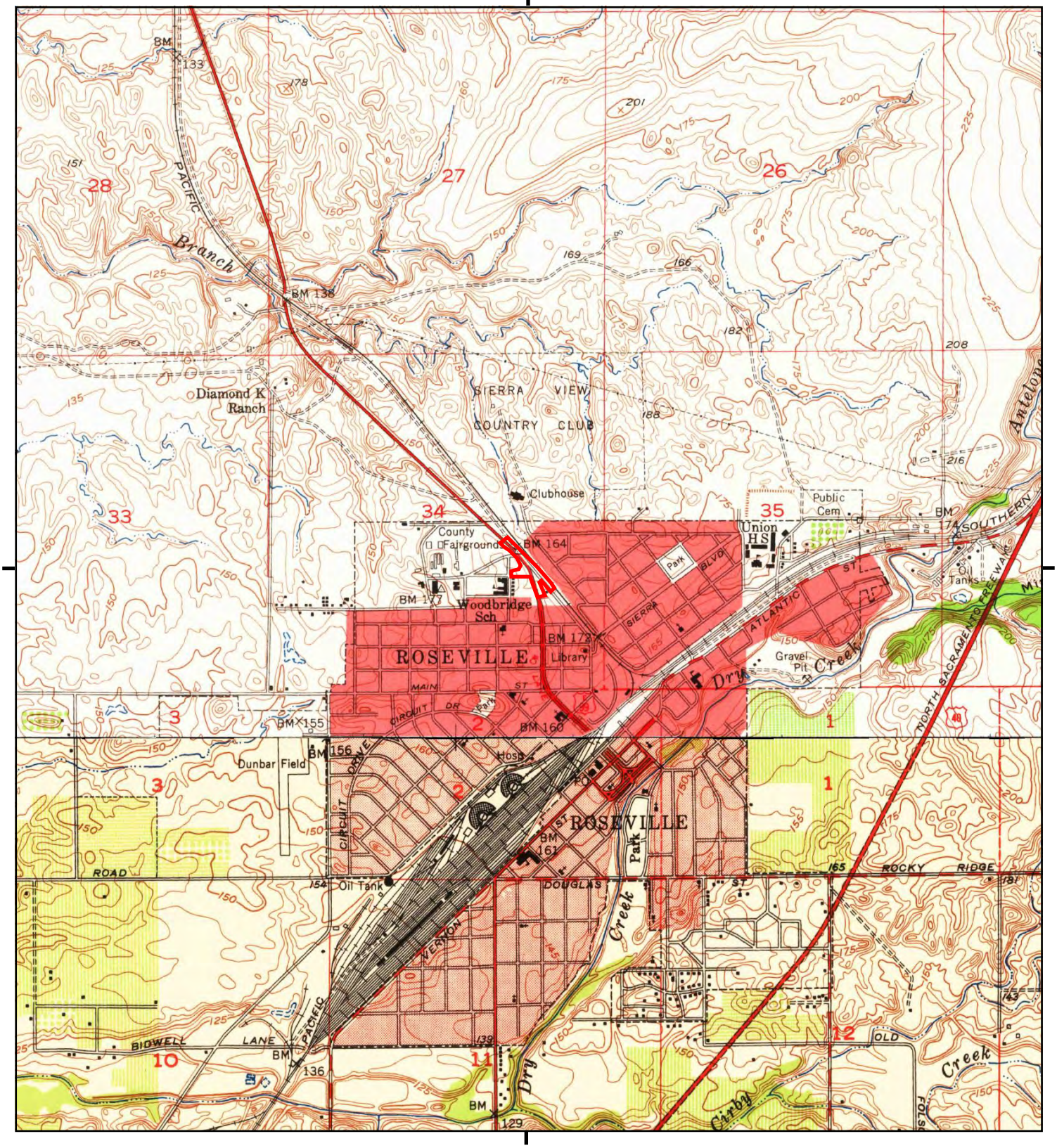
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Lincoln, 1953, 15-minute
SW, Fair Oaks, 1954, 15-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, Inc.

N



This report includes information from the following map sheet(s).

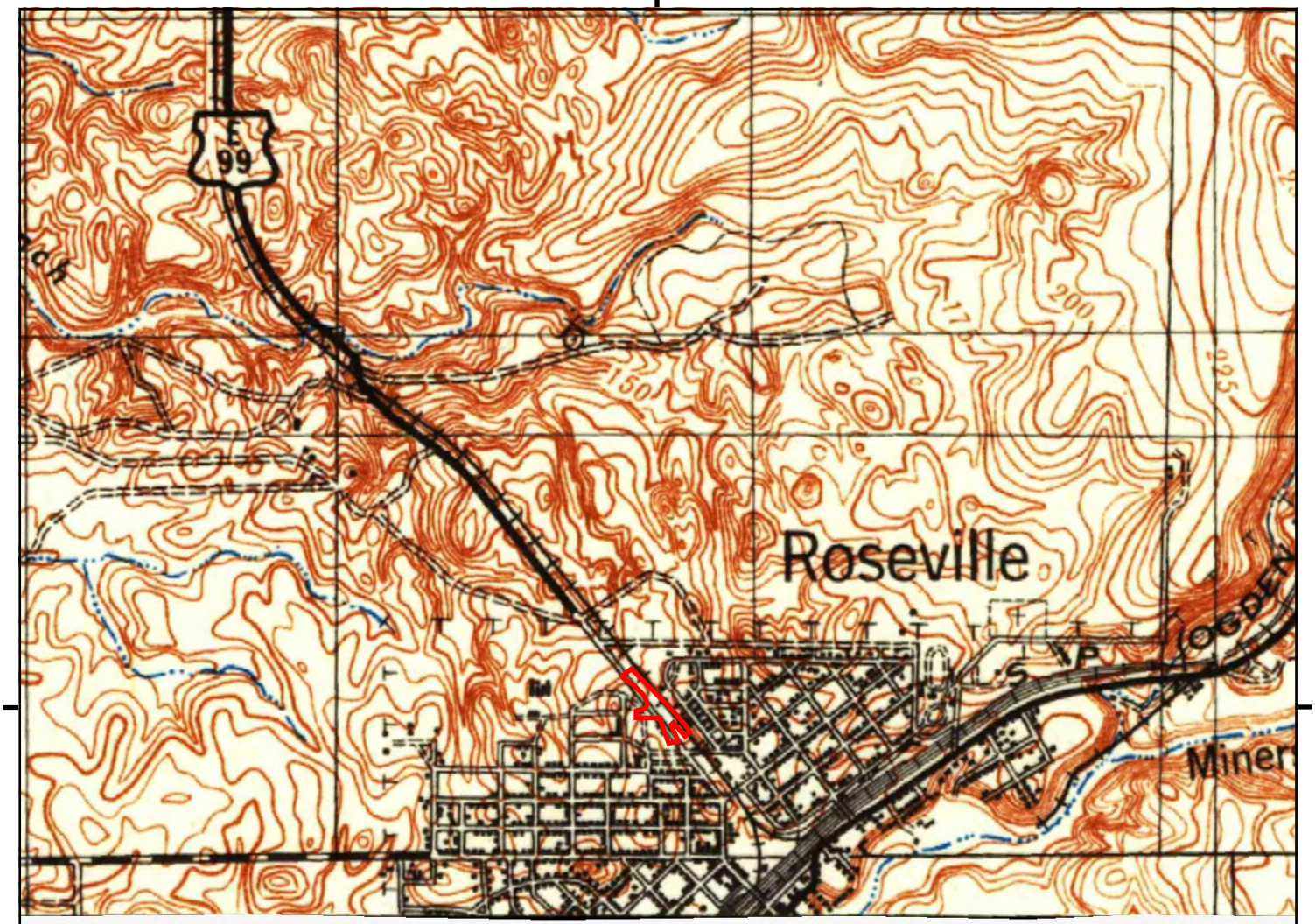
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Roseville, 1953, 7.5-minute
S, Citrus Heights, 1951, 7.5-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, Inc.

N



UNMAPPED

This report includes information from the following map sheet(s).

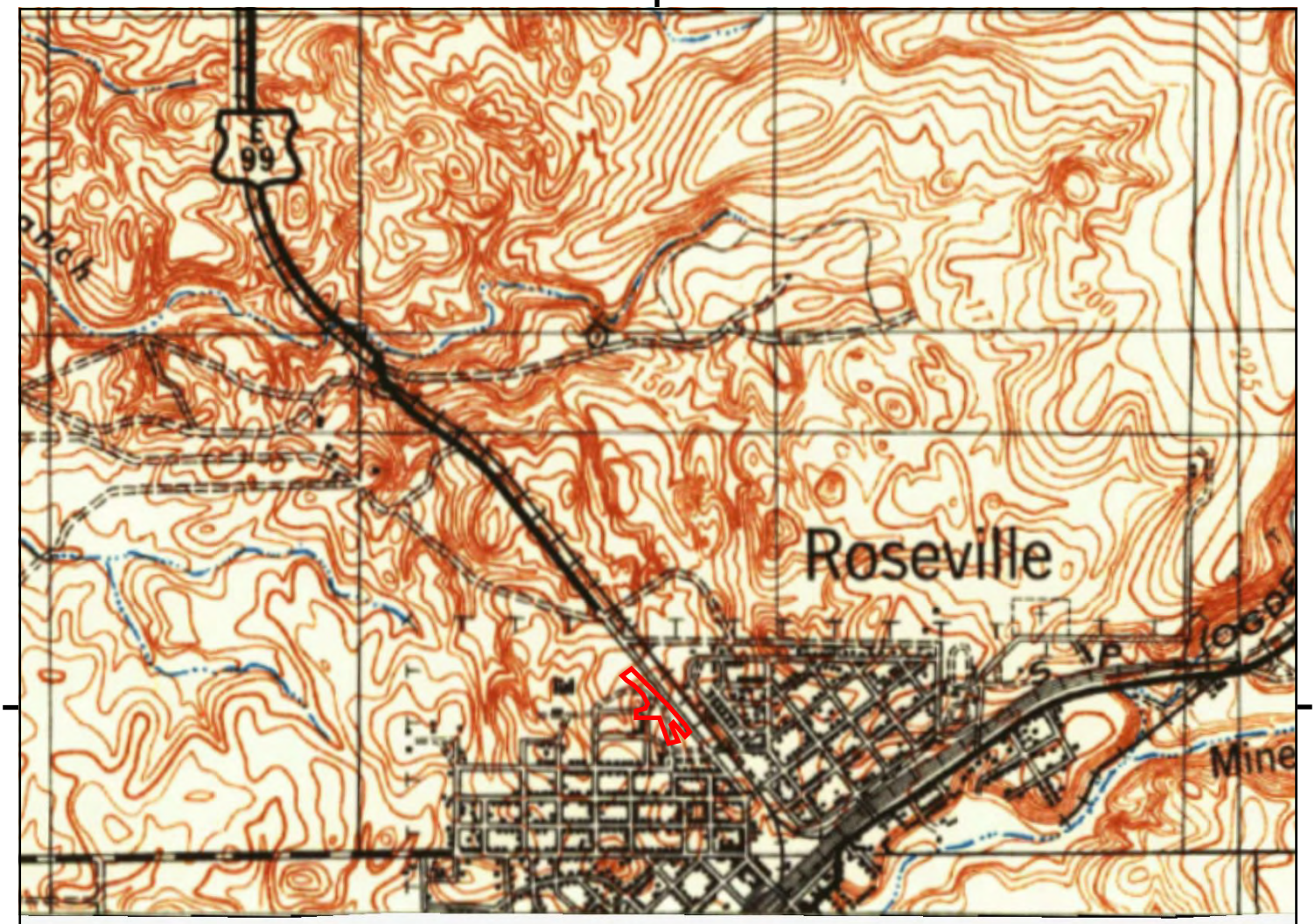
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Markham Ravine, 1942, 15-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, Inc.

N



UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED
UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED
UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED
UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED

This report includes information from the following map sheet(s).

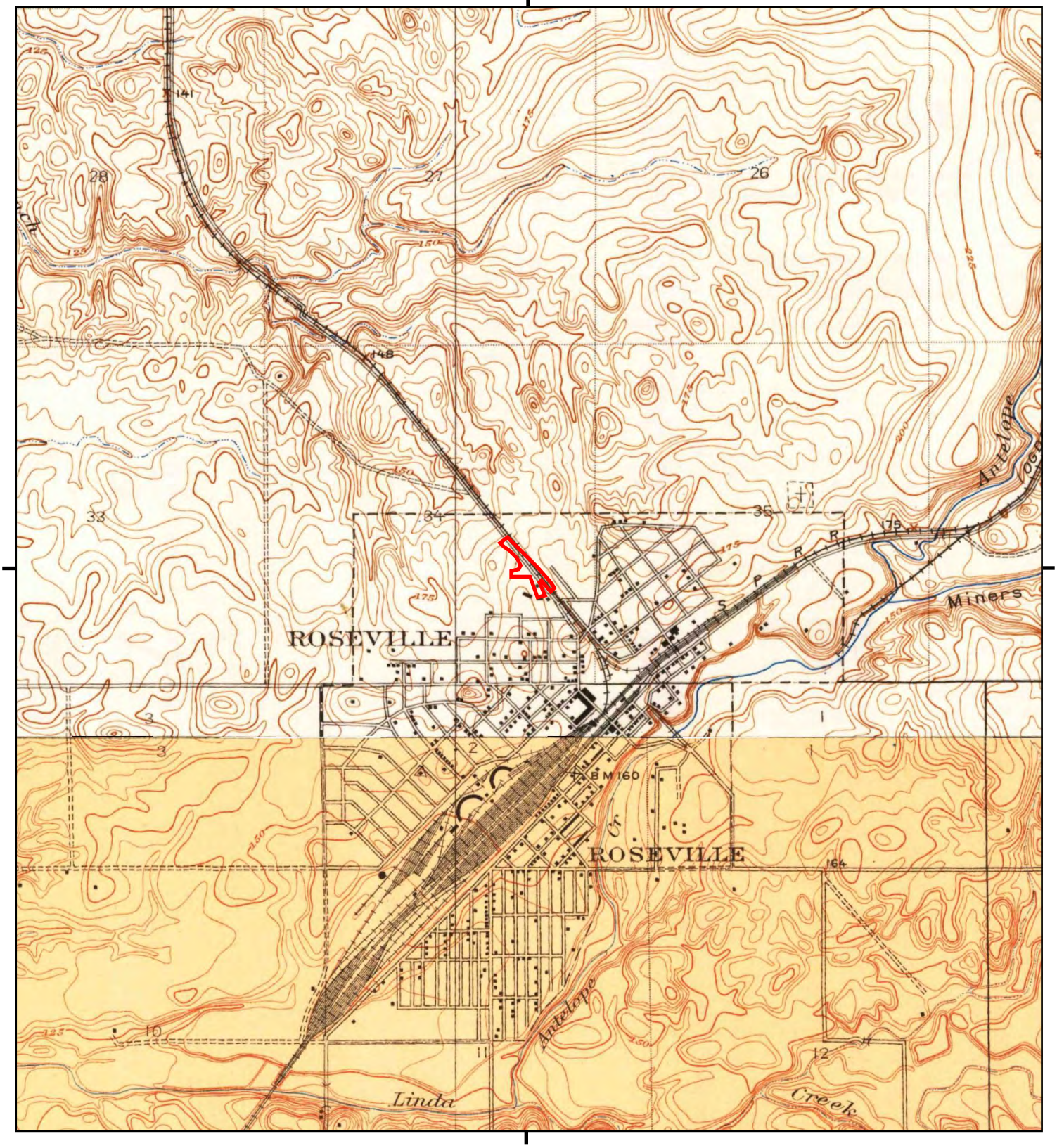
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, MARKHAM RAVINE, 1941, 15-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, 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, Roseville, 1910, 7.5-minute
S, Antelope, 1911, 7.5-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, Inc.

N

UNMAPPED



This report includes information from the following map sheet(s).

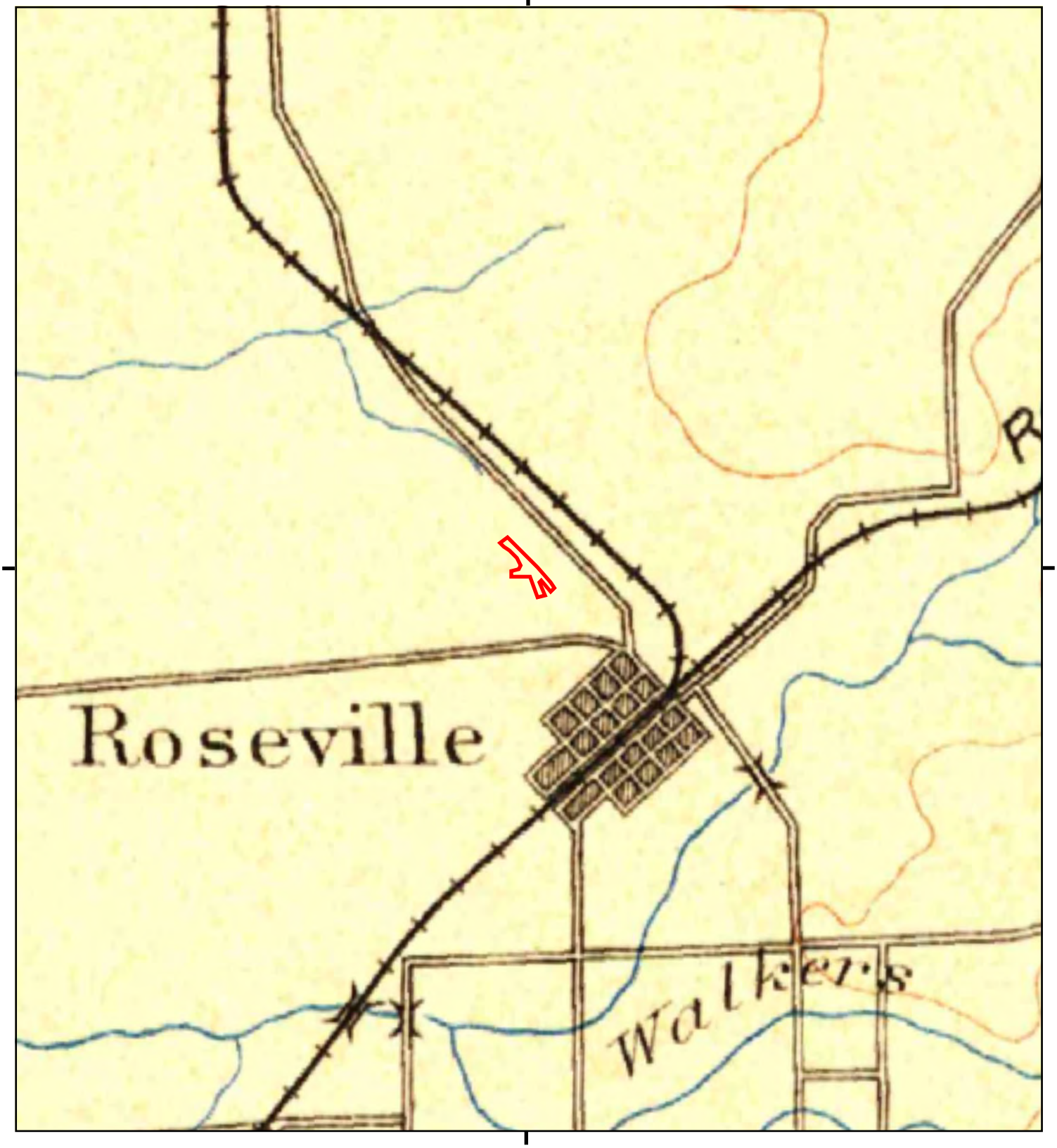
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

SW, Fairoaks, 1902, 15-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, Inc.

N



This report includes information from the following map sheet(s).

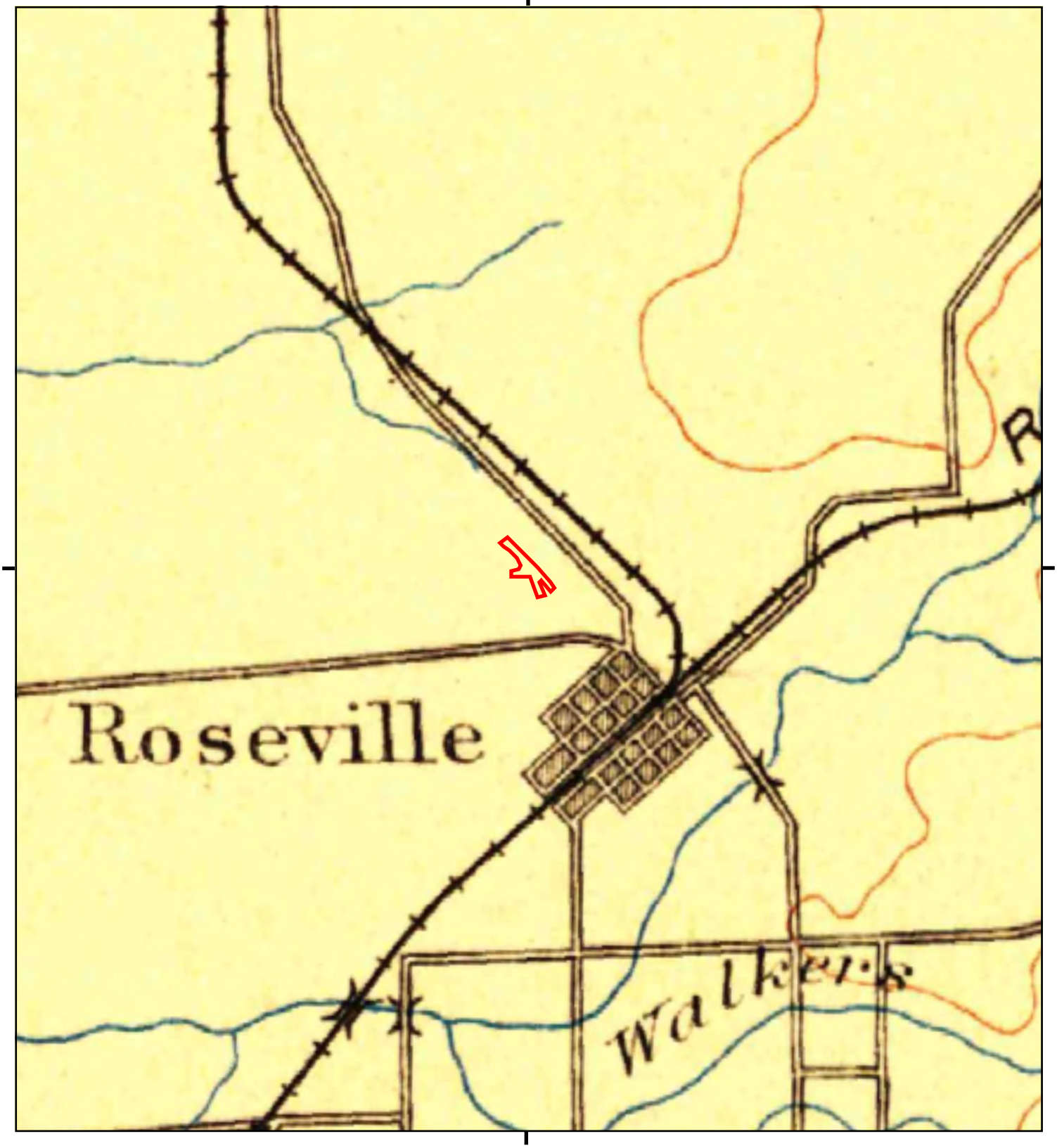
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sacramento, 1893, 30-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, Inc.

N



This report includes information from the following map sheet(s).

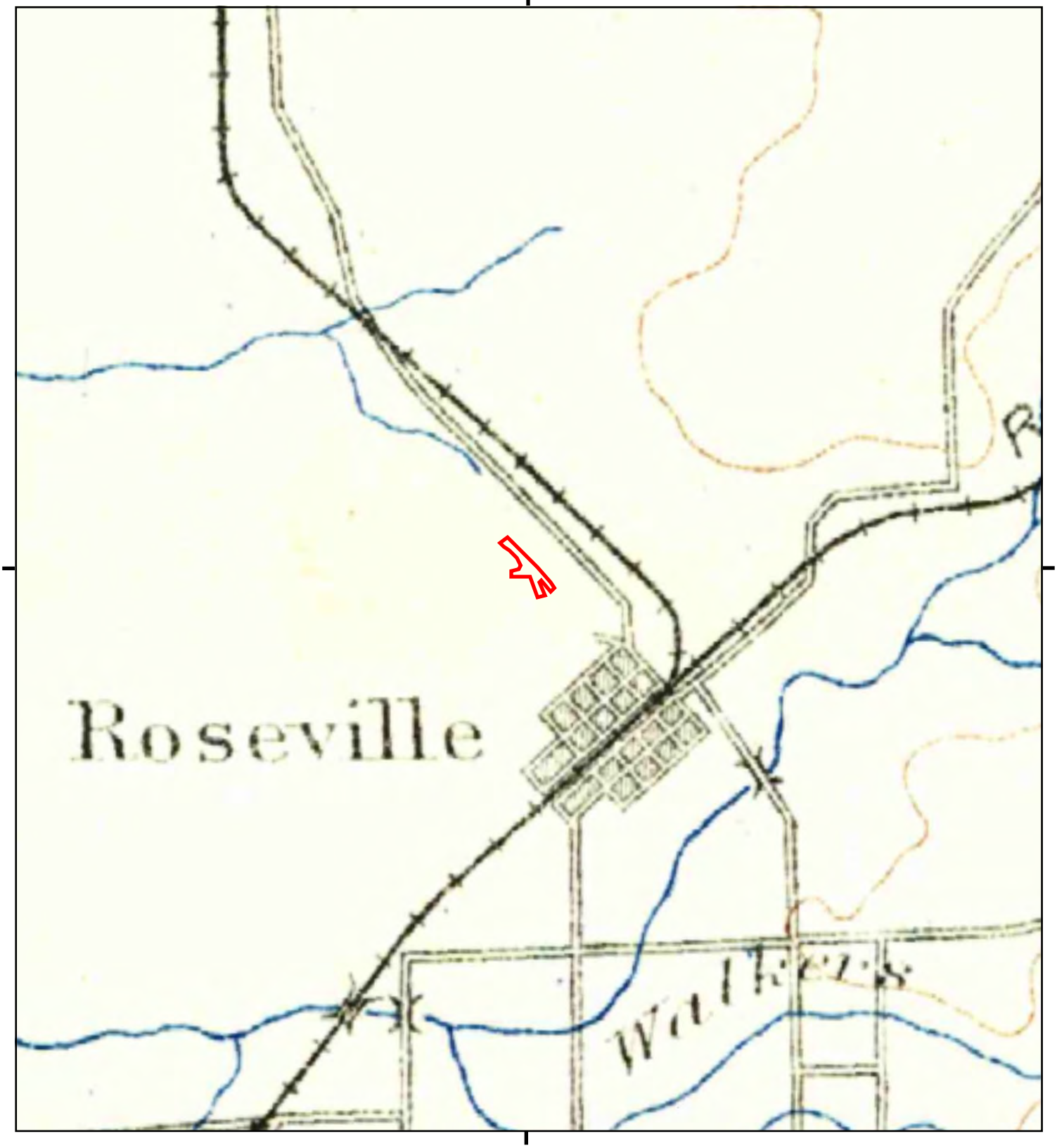
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sacramento, 1892, 30-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, 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, Sacramento, 1891, 30-minute

SITE NAME: Washington Blvd At All America City Blvd
ADDRESS: Washington Blvd/All America City Blvd/Li
Roseville, CA 95678
CLIENT: Kimley Horn & Associates, Inc.

N

Appendix E

EDR City Directory Report

Washington Blvd At All America City Blvd Rndabt
Washington Blvd/All America City Blvd/Lincoln St
Roseville, CA 95678

Inquiry Number: 5642154.5
May 10, 2019

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, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, 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 orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2017 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, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

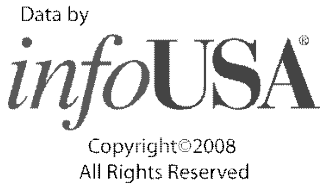
DESCRIPTION

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 city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.



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
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1989	☑	☐	Haines Criss-Cross Directory
1985	☑	☐	Haines Criss-Cross Directory
1980	☑	☐	Haines Criss-Cross Directory
1974	☑	☐	Haines Criss-Cross Directory
1970	☑	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

Washington Blvd/All America City Blvd/Lincoln St
Roseville, CA 95678

Year	*CD Image*	*Source*	
ALL AMERICA CITY BLVD			
2014	pg A1	EDR Digital Archive	
2010	pg A3	EDR Digital Archive	
2005	pg A6	EDR Digital Archive	
2000	pg A9	EDR Digital Archive	
1995	pg A11	EDR Digital Archive	
1992	pg A13	EDR Digital Archive	
ALL AMERICAN CITY BLVD			
1989	pg A15	Haines Criss-Cross Directory	
1985	pg A18	Haines Criss-Cross Directory	
1980	-	Haines Criss-Cross Directory	Target and Adjoining not listed in Source
1974	-	Haines Criss-Cross Directory	Street not listed in Source
1970	-	Haines Criss-Cross Directory	Street not listed in Source
WASHINGTON BLVD			
2014	pg A2	EDR Digital Archive	
2010	pg A4	EDR Digital Archive	
2005	pg A7	EDR Digital Archive	
2000	pg A10	EDR Digital Archive	
1995	pg A12	EDR Digital Archive	
1992	pg A14	EDR Digital Archive	
1989	pg A16	Haines Criss-Cross Directory	
1989	pg A17	Haines Criss-Cross Directory	
1985	pg A19	Haines Criss-Cross Directory	
1980	pg A20	Haines Criss-Cross Directory	
1974	pg A21	Haines Criss-Cross Directory	
1974	pg A22	Haines Criss-Cross Directory	
1970	pg A23	Haines Criss-Cross Directory	

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

ALL AMERICA CITY BLVD 2014

800 ALL AMERICAN SPEEDWAY
PLACER COUNTY FAIR ASSOCIATION
PR CONCESSIONS
850 MILITARY CALIFORNIA DEPARTMENT

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

WASHINGTON BLVD 2014

205	7-ELEVEN
	7-ELEVEN INC
308	NEELS STEPHANIE M
309	SHARPE PHOTOGRAPHERS
315	VICTORIAN AT HEMPHILL MANSION
400	HOUSE ACCOUNTANCY SERVICES
	INTERIOR SUNDANCE DESIGN INC
	PEDAL PROS
	SANCHALEE FASHIONS
401	TOWN HOUSE MOTEL
407	OCCUPANT UNKNOWN,
412	AUTOS 2000
	MINERVA REBEKAH LODGE
	ROSEVILLE ODD FELLOWS NO 203
	ROSEVILLE PARK & SALE IT
	WHEELS & DEALS RV & AUTOS
413	COBURN, ALYCE T
419	BARRON, RICHARD I
500	GILBEAU HARVEY
	PEARSE REAL ESTATE & INV
	TEAMS CONSULTING INC
611	ADAM, ROCHELLE J
	ANDERSON, CARA
	CORPUZ, JOANN F
	DUNNING, SHANE
	GRAFF, CHARLES H
	HARRIS, BRIGITTE
	MCBRIDE, CAROLINE
	RICO, A
	RODRIGUEZ, MIGUEL J
	ZAVALA, DIANA
699	CENTURY 21 HALEY & ASSOCIATES
	CHALET FULL SVC HAIR NAIL SLON
	CURVES FOR WOMEN
	JOHNSON APRIL
	SPA WORKS BY JOYCE NEWMAN
	TERENA LORELEI DMD
911	LA VIGNETTE BLEUE
	LAMBERT PRECISION GRINDING
	NERDBOOKSCOM
921	EXOTIC CONCRETE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

ALL AMERICA CITY BLVD 2010

800	ALL AMERICAN SPEEDWAY
	LAMESA RV CENTER INC
	PLACER COUNTY FAIR ASSOCIATION
	PR CONCESSIONS
850	MILITARY CALIFORNIA DEPARTMENT

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

WASHINGTON BLVD 2010

205	7-ELEVEN
309	SHARPE PHOTOGRAPHERS
310	BUBBAS AUTO CARE
	MCALPIN GENERAL REPAIR
315	CITY D RIVER J
	ROBERT M CAUDLE
	VICTORIAN AT HEMPHILL MANSION
400	COPELAND MATT
	GEOFFREY L HOLCOMB INC
	HOUSE ACCOUNTANCY SERVICES
	MOORE MICK L CPA
	SANCHALEE FASHIONS
	STATE FARM MUTL AUTO INSUR CO
	STRAHLE R E CO
401	NIX, CHARLOTTE
	ROBINSON, BLAKE
	TOWN HOUSE MOTEL
407	MEYER, DARBY H
	OCCUPANT UNKNOWN,
412	AUTOS 2000
	MINERVA REBEKAH LODGE
	ONE STOP AUTO & RVS
	ROSEVILLE ODD FELLOWS NO 203
413	COBURN, ALYCE T
419	BARRON PLUMBING
	BARRON, RICHARD I
500	GILBEAU HARVEY
	KATHLEEN M GILBERT A LAW CORP
510	HIRA PETROLEUM
611	BRAMBILA, GUILLERMO
	BURROWS, CHARLES
	CHAVEZ, JOSE R
	DUNNING, SHANE
	ELL, MICHAEL E
	FINLEY, VERLYN S
	GRAFF, CHARLES H
	RICO, A
	RODRIGUEZ, MIGUEL J
699	CENTURY 21 HALEY & ASSOCIATES
	CHALET FULL SVC HAIR NAIL SLON
	CURVES FOR WOMEN
	GMB ENTERPRISES
	INTERIOR SUNDANCE DESIGN INC
	JOHNSON APRIL
	PURELY SKIN
	ROSEVILLE KINDERMUSIK & PIANO
	SPA WORKS BY JOYCE NEWMAN
	TERENA LORELEI DMD
911	DEINES ANGELA
	LAMBERT PRECISION GRINDING

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

WASHINGTON BLVD 2010 (Cont'd)

911	LUTHERAN CHURCH ROSEVILLE LCMS
	MANE JUNCTION
	NERDBOOKSCOM
	PACK RONALD DAVID
	SAVE & CONTINUE RECOVERY & WHL
	VERTIGO RECOVERY CONSULTANTS
921	CURTIS WOODWORKS
	ELEMENT AUTO DETAILING
	EXOTIC CONCRETE
	KIVA PRODUCTIONS
	WHEELED COACH INDUSTRIES INC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

ALL AMERICA CITY BLVD 2005

790 OCCUPANT UNKNOWN,
800 ALL AMERICAN SPEEDWAY
ALL WAYS CATERING
LAMESA RV CENTER INC
PLACER COUNTY FAIR ASSOCIATION
850 MILITARY CALIFORNIA DEPARTMENT

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

WASHINGTON BLVD 2005

205	7-ELEVEN INC
309	CAFE 309
	SHARPE PHOTOGRAPHERS
310	BUBBAS AUTO CARE
	MCALPIN GENERAL REPAIR
315	CITY D RIVER J
	ROBERT M CAUDLE
	VICTORIAN AT HEMPHILL MANSION
400	DROMENSKI CONSTRUCTION
	ID8 MEDIA INC
	INAGAWA CHRIS T INSURANCE
	LUTZ FREDERICK CARL
401	TOWN HOUSE MOTEL
407	OCCUPANT UNKNOWN,
409	PROFFITT, RUSSELL L
412	AUTOS 2000
	MINERVA REBEKAH LODGE
	ROSEVILLE ODD FELLOWS NO 203
	TICO ENTERPRISES
413	COBURN, ALYCE T
419	BARRON, RICHARD T
500	GILBEAU HARVEY
	MALEK COMPANY
510	HIRA PETROLEUM
611	CHAVEZ, JOSE R
	DUNNING, SHANE
	ELL, MICHAEL E
	GRAFF, CHARLES H
	RICO, A
	RODRIGUEZ, MIGUEL A
699	BOMBAY MINI MARKET
	BUNNELL, JAMES F
	CENTURY 21 HALEY & ASSOCIATES
	CHALET FULL SVC HAIR NAIL SLON
	COUNTRY GABLES CAFE INC
	ELITE FITNESS FOR LADIES
	FAMILY STATIONS INC
	FUNTAGIOUS
	GMB ENTERPRISES
	HAIR DESIGNS BY CHARLENE
	HAIR YOUR WAY BEAUTY SALON
	HIP & HUMBLE BOUTIQUE
	INTERIOR SUNDANCE DESIGN INC
	JOHNSON APRIL
	NEW YORK PIZZA
	PERENA LORELEI S
	PURELY SKIN
	ROSEVILLE KINDERMUSIK & PIANO
	SMART STOP LIQUOR
	SPA WORKS BY JOYCE NEWMAN

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

WASHINGTON BLVD 2005 (Cont'd)

699 TERENA LORELEI DMD
TINGLEY, BARBARA
911 BEDROOM USA INC
COMPACT-IT INC
DEINES ANGELA
LAMCO PRECISION GRINDING & MAC
LUTHERAN CHURCH ROSEVILLE LCMS
MANE JUNCTION
NERDBOOKSCOM
PACK RONALD DAVID
PROMS TO BEACHES
QUENVOLDS SAFETY SHOES
WEBSTER BOOKS
921 AUTOS 4 LESS
BIKER BOZ CYCLEZ
CURTIS WOODWORKS
WHEELED COACH INDUSTRIES INC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

ALL AMERICA CITY BLVD 2000

800 ALL WAYS CATERING
PLACER COUNTY FAIR ASSOCIATION
ROSEVILLE INDOOR SOCCER
850 MILITARY CALIFORNIA DEPARTMENT

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

WASHINGTON BLVD 2000

205	7-ELEVEN INC
309	SHARPE PHOTOGRAPHERS
	SHARPE, J
310	MCALPIN GENERAL REPAIR
400	CAPITAL MORTGAGE REPORTS
	INAGAWA CHRIS T INSURANCE
	LUTZ FREDERICK CARL
401	TOWN HOUSE MOTEL
412	MINERVA REBEKAH LODGE
	ROSEVILLE ODD FELLOWS NO 203
413	COBURN, ALYCE T
419	BARRON, RICHARD
500	GILBEAU HARVEY
	MALEK COMPANY
510	HIRA PETROLEUM
699	AESTHETICS UNIQUE
	AMAYA JESUS DDS
	BUNNELL, JAMES F
	CENTURY 21 HALEY & ASSOCIATES
	CHALET FULL SVC HAIR NAIL SLON
	FAMILY STATIONS INC
	GINA INC
	GMB ENTERPRISES
	HAIR YOUR WAY BEAUTY SALON
	HOLLAND PRO GYM INC
	LUTHERAN CHRCH ROSEVILLE LCMS
	NEW YORK PIZZA
	ROSEVILLE KINDERMUSIK & PIANO
	TINGLEY, BARBARA
	WAGGONER, GILBERT J

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

ALL AMERICA CITY BLVD 1995

790 SHORT, JEFFREY E
800 ALL AMERICAN SPEEDWAY
ALL WAYS CATERING
PLACER COUNTY FAIR ASSOCIATION

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

WASHINGTON BLVD 1995

308	MARTIN, DAVID
309	OWENS CANDACE
	OWENS, CANDACE M
310	MCALPIN GENERAL REPAIR
	REPAIR, M G
315	JONES, LOUIS III
	R JS VICTORIAN PALMS
400	AZURE FINANCIAL
	CARLYSLE SUPPLY INC
	INAGAWA CHRIS T INSURANCE
	INAGAWA, CHRIS T
401	LACHANCE, DOLORES R
	TOWN HOUSE MOTEL
407	OCCUPANT UNKNOWNN
409	WHITE, RICHARD
412	MINERVA REBEKAH LODGE
413	RICHARDSON, H L
500	GILBEAU HARVEY
	GILBEAU, LINDA
	MALEK COMPANY
510	RIVER CITY PETROLEUM INC
611	CRAIG, PAUL JR
	WHITWORTH, RONALD
699	AMAYA, JESUS
	ANIMAL HOUSE PET GROOMING ETC
	ATA TAEKWONDO CENTER ROSEVILLE
	BOULEVARD CAFE
	CENTURY 21 HALEY & HERB INC
	FESTA SAUNDRA
	FILLER, C
	GARIBOLIS
	GMB ENTERPRISES
	HAIR YOUR WAY BEAUTY SALON
	HOLLAND PRO GYM INC
	VIDEO MOVIE CENTER

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

ALL AMERICA CITY BLVD 1992

800 ALL AMERICAN SPEEDWAY
KLEPPE, K
PLACER COUNTY FAIR ASSOCIATION

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

WASHINGTON BLVD 1992

310	MC ALPINS AUTO REPAIR
315	JONES, LOUIS III
400	CEL-TEC
	INAGAWA CHRIS T INSURANCE
401	TOWN HOUSE MOTEL
409	WHITE, RICHARD
412	COMMUNITY AUTO SALES
413	RICHARDSON, H L
421	WARD PHILLIP
500	MAGNA KOTE ELECTROSTATIC
	MALEK CONSTRUCTION CO
611	ARIAS, MARY A
699	ANIMAL HOUSE PET GROOMING ETC
	BODY EMPORIUM INC
	CENTURY 21 HALEY & HERB INC
	HAM N EGGS OF ROSEVILLE
	VIDEO MOVIE CENTER

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

ALL AMERICAN CITY BLVD 1989



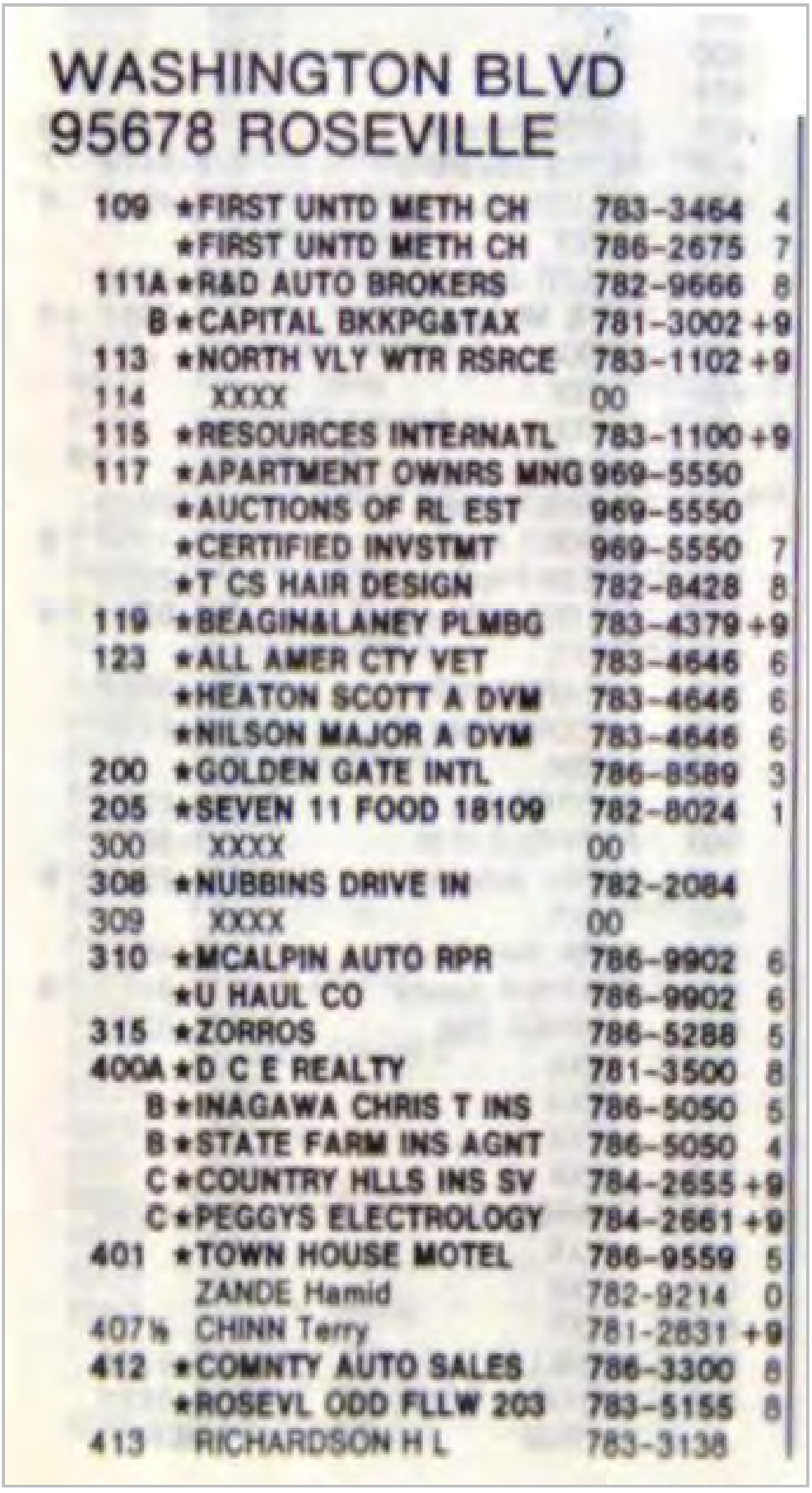
ALL AMERICA BLVD
95678 ROSEVILLE

790	MARTINEZ Carol	786-9166	
	MARTINEZ Ruben	786-9166	
800	*PLACR CO FAIR ASSN	786-2023	3
	*PROJECT RIDE NORTH	786-7433	+9
850	*CA ST ANG RCRTNG	782-5888	6
	*CA ST ANG RETENTION	782-3566	7
	*CA ST ANG 115TH GS	782-4438	6
	*CA ST NG	782-5774	6

* 6 BUS 2 RES 1 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

WASHINGTON BLVD 1989



WASHINGTON BLVD
95678 ROSEVILLE

109	*FIRST UNTD METH CH	783-3464	4
	*FIRST UNTD METH CH	786-2675	7
111A	*R&D AUTO BROKERS	782-9666	8
B	*CAPITAL BKKPG&TAX	781-3002	+9
113	*NORTH VLY WTR RSRCE	783-1102	+9
114	XXXX	00	
115	*RESOURCES INTERNATL	783-1100	+9
117	*APARTMENT OWNRS MNG	969-5550	
	*AUCTIONS OF RL EST	969-5550	
	*CERTIFIED INVSTMT	969-5550	7
	*T CS HAIR DESIGN	782-8428	8
119	*BEAGIN&LANEY PLMBG	783-4379	+9
123	*ALL AMER CTY VET	783-4646	6
	*HEATON SCOTT A DVM	783-4646	6
	*NILSON MAJOR A DVM	783-4646	6
200	*GOLDEN GATE INTL	786-8589	3
205	*SEVEN 11 FOOD 18109	782-8024	1
300	XXXX	00	
308	*NUBBINS DRIVE IN	782-2084	
309	XXXX	00	
310	*MCALPIN AUTO RPR	786-9902	6
	*U HAUL CO	786-9902	6
315	*ZORROS	786-5288	5
400A	*D C E REALTY	781-3500	8
B	*INAGAWA CHRIS T INS	786-5050	5
B	*STATE FARM INS AGNT	786-5050	4
C	*COUNTRY HLLS INS SV	784-2655	+9
C	*PEGGYS ELECTROLOGY	784-2661	+9
401	*TOWN HOUSE MOTEL	786-9559	5
	ZANDE Hamid	782-9214	0
407½	CHINN Terry	781-2831	+9
412	*COMNTY AUTO SALES	786-3300	8
	*ROSEVL ODD FLLW 203	783-5155	8
413	RICHARDSON H L	783-3138	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

WASHINGTON BLVD 1989



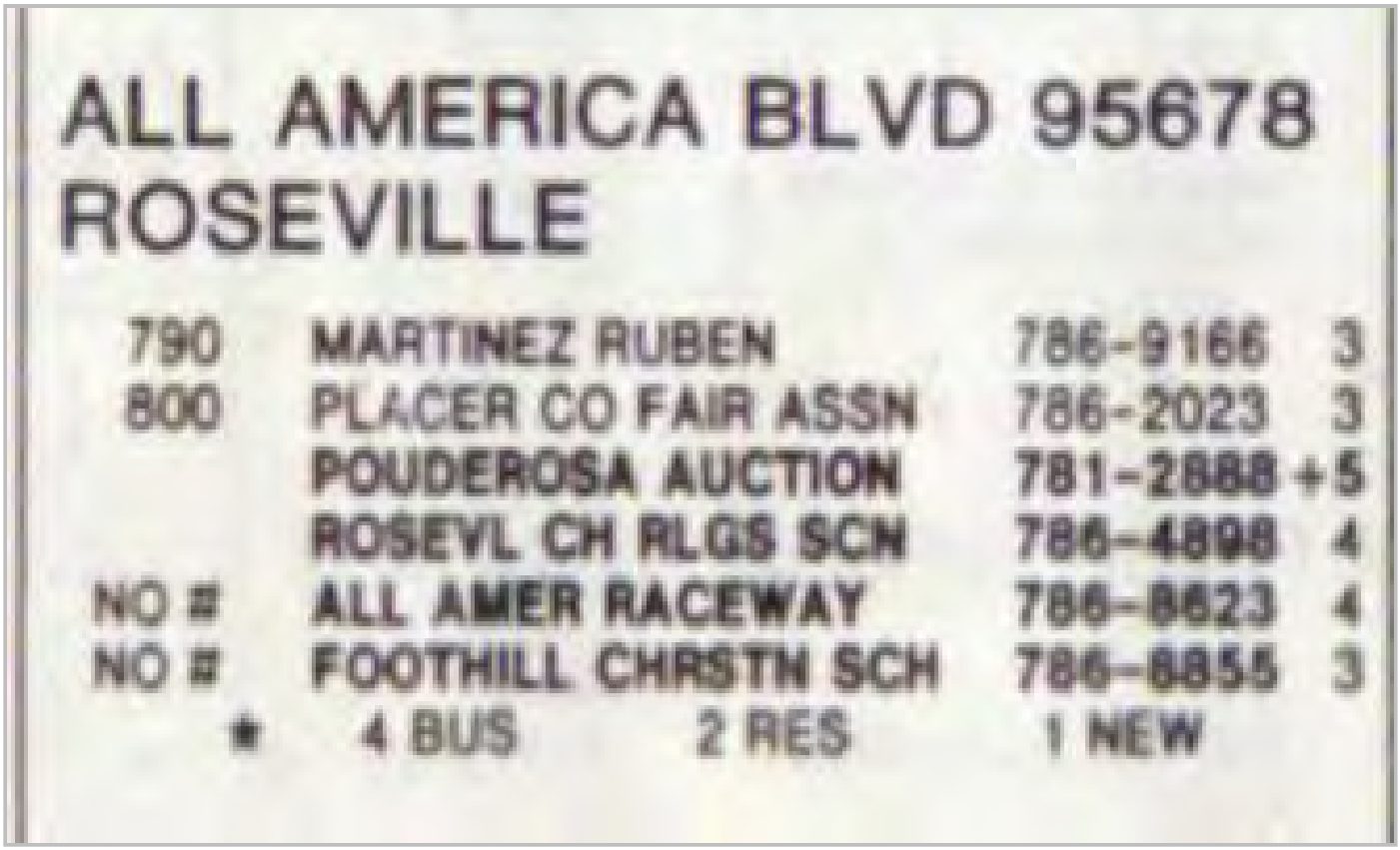
..WASHINGTON BLVD 95678 CONT..

419	XXXX	00
500	*MAGNA KOTE	786-8777 +9
	*MALEK COMPANY THE	782-8023 8
510	XXXX	00
611	BREWER Dorothy L	786-3185 8
699	*ANIMAL HS PET GRMNG	781-2777 +9
	*CENTURY 21 HALEY	782-1500 +9
	*CENTURY 21 HALEY	969-1121 +9
	*G M B ENTERPRISES	783-7550 +9
3555	*ATLANTIC DOOR&TRIM	782-5581 8
	*COUNTRY HM LATHAM	969-6664 8
	*COUNTRY HOMES LATHM	786-3737 8
	GUY Jas H	786-7624 +9
	*LATHAM DESIGN SERV	786-3737 8
	*LATHAM DESIGN SRVS	969-6664 +9
	*LATHAM LUMBER	782-1264 8

* 40 BUS 10 RES 14 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

ALL AMERICAN CITY BLVD 1985



ALL AMERICA BLVD 95678
ROSEVILLE

790	MARTINEZ RUBEN	786-9166	3
800	PLACER CO FAIR ASSN	786-2023	3
	POUDEROSA AUCTION	781-2888	+5
	ROSEVL CH RLGS SCN	786-4898	4
NO #	ALL AMER RACEWAY	786-8823	4
NO #	FOOTHILL CHRSTN SCH	786-8855	3

* 4 BUS 2 RES 1 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

WASHINGTON BLVD 1985



WASHINGTON BLVD 95678
ROSEVILLE

109	FIRST UNTD METH CH	783-3464	4
111	XXXX	00	
113	APARTMENT HOUSE DIR	969-5550	+5
114	XXXX	00	
115	CLAIBORNE BRYON	969-3133	3
	CLAIBORNE KING	782-4455	9
117	CREDIT BUR COLLCTNS	783-7128	
	CREDIT BUR REPORTNG	783-7126	2
	RETAILERS CRDT ASSN	783-7126	
123	XXXX	00	
200	GOLDEN GATE INTL	786-8589	3
205	SEVEN 11 FOOD 18109	782-8024	1
300	XXXX	00	
308	NUBBINS DRIVE IN	782-2084	6
309	XXXX	00	
310	BRASHIER REPAIR	781-2553	4
315	HOUSE OF ZZORRO	786-5288	+5
	ZORROS RESTAURANT	786-5288	+5
400	MOORE SHERMAN	786-2654	+5
A	ROUND TABLE PIZZA	781-3365	+5
B	INAGAWA CHRIS T INS	786-5050	+5
B	STATE FARM INS CO	786-5050	4
C	MOORE ACCOUNTNCY SV	786-2654	3
C	MOORE MICK L	786-2654	
401	TOWN HOUSE MOTEL	786-9559	+5
	ZANDE HAMID	782-9214	0
407½	WATKINS KEVEN E	786-2291	+5
412	PRIME CUT	782-4074	2
413	RICHARDSON H L	783-3138	9
419	XXXX	00	
500	MALEK CONSTRUCTION	782-8408	8
510	DOUGLAS SERVICE STN	782-9958	
611.....	APARTMENTS		
	BOYER D J	786-5296	+5
	BRUGGER HERBERT	786-7932	4
	DUNNING SHANE	786-6547	+5
	GENTRY DOUGLAS G	781-2367	4
	PATTON PATRICK	783-3186	+5
	WELLS CINDI	786-6547	+5
611.....			
1005	BRIZENDINE JACK D	783-7637	4
	BRIZENDINE SEAN	786-3781	+5
★	20 BUS 20 RES	13 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

WASHINGTON BLVD 1980



WASHINGTON BLVD 95678
ROSEVILLE

109	FIRST UNTD METH CH	783-3464	
114	CALICO SPAS	786-6664	+0
115	CLAIBORNE INS	966-8585	+0
	CLAIBORNE KING	966-8586	9
	CLAIBORNEKING&CLAIB	782-4455	9
	CLAYBORN B INSRNC	782-4455	9
	MATHENY SAM	782-9221	+0
117	CREDIT BUR COLLCTNS	783-7128	3
	CREDIT BUR CREDIT	783-7126	5
	CREDIT BUR PLACER	783-7126	7
	RETAILERS CRDT ASSN	783-7126	1
123	XXXX	00	
300	XXXX	00	
308	NUBBINS DRIVE IN	782-2084	6
309	XXXX	00	
310	XXXX	00	
315	MCALLISTER STUART	783-0670	8
400	XXXX	00	
401	TOWN HOUSE MOTEL	782-9559	
	ZANDE HAMID	782-9214	+0
407	XXXX	00	
409½	WOOD WILLIAM M	783-0253	8
412	GIFFORD RICHARD L	782-4074	4
	GIFFORDS BTY SALON	782-4074	5
	RIC MAR ELECTRIC	783-5914	5
B	I B A RL EST	782-9449	9
413	RICHARDSON H L	783-3138	9
419	JONAS GORDON D	783-8279	+0
500	MALEK CONSTRUCTION	782-8408	8
510	DOUGLAS SERVICE STN	782-9958	5
611	CHISHOLM IAN	782-6260	+0
*	18 BUS 13 RES	6 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

WASHINGTON BLVD 1974

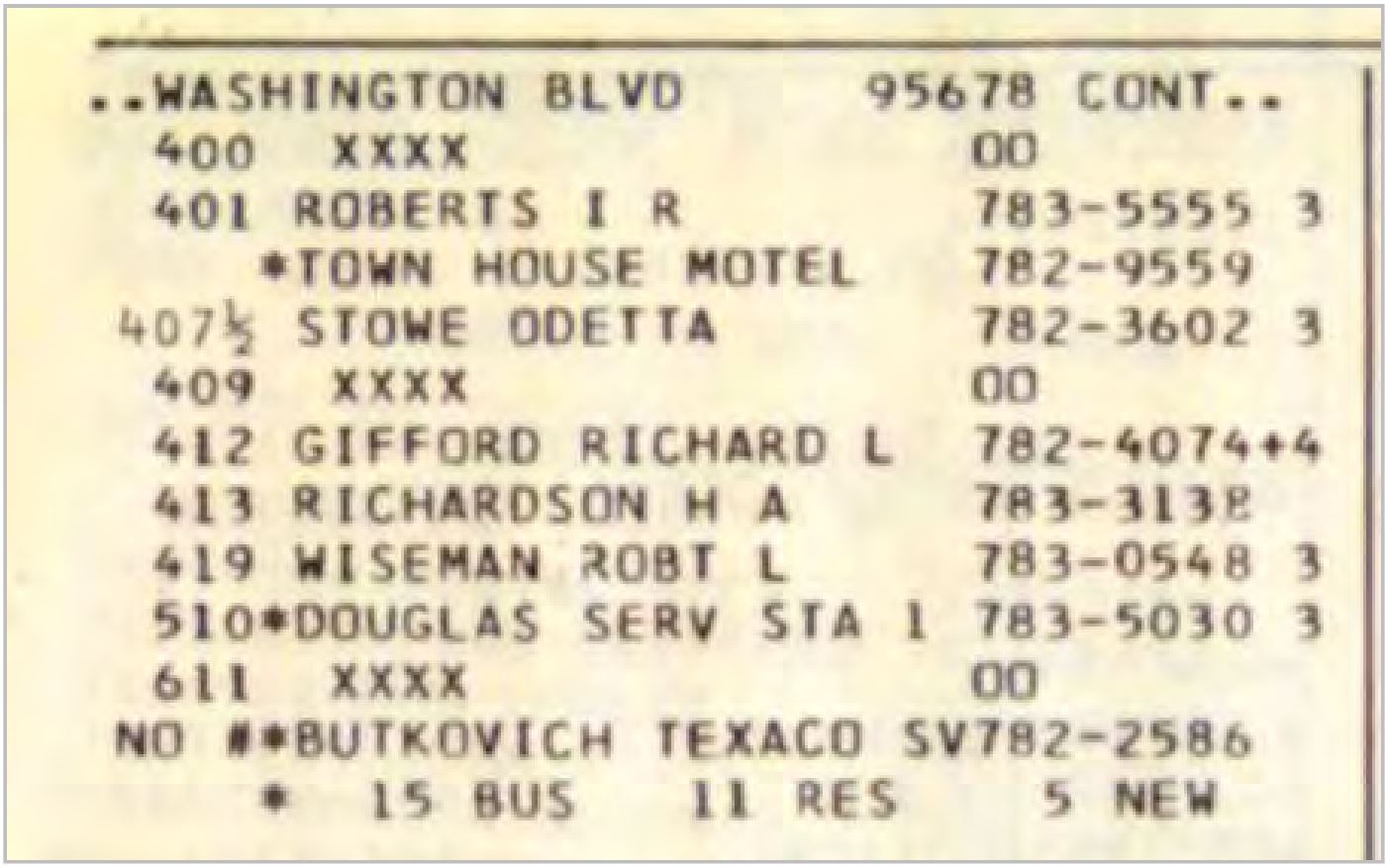


WASHINGTON BLVD 95678 ROSEVILLE

109*FIRST UNTD METH CH 783-3464
115*ALCOHOLISM INF CTR 782-3737+4
*CLAIBORNE INSURANCE 782-4455+4
*PICHES KING 783-8163 3
117*CREDIT BUR COLLCTNS 783-7128 3
*CREDIT BUR PLACR CO 783-7126
*CREDIT BUR REPORTNG 783-7126+4
*CREDIT BUREAU RPRTS 624-3367 2
*RETAILERS CRDT ASSN 783-7126 1
123*SHEARDS UNION SERV 782-1587
300 XXXX OO
308*MACS FROSTIE FREEZE 782-2084+4
309 XXXX OO
310*BEACON SERVICE 782-9973 1
315 MCANALLY JAS F MD 782-2534

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

WASHINGTON BLVD 1974



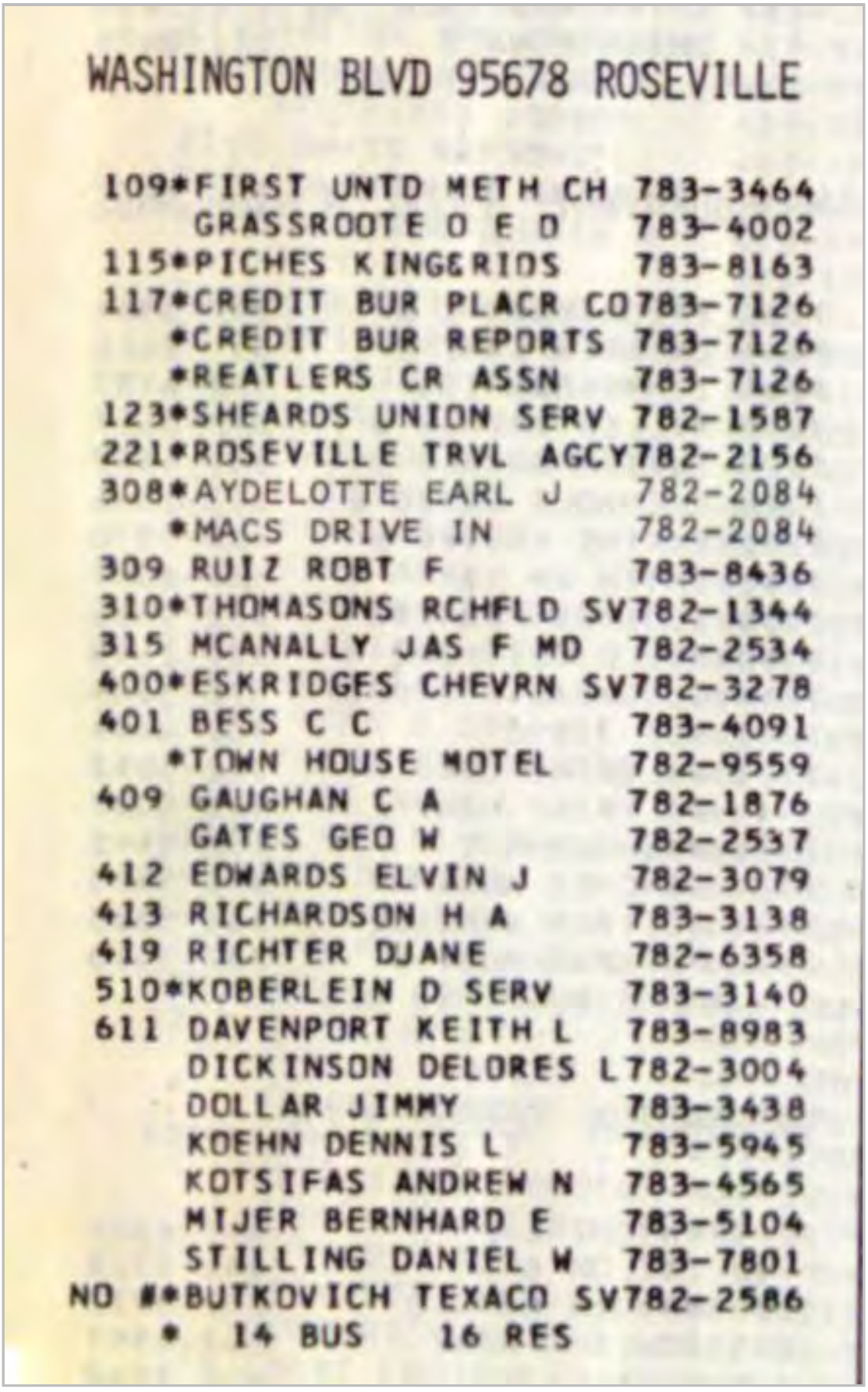
..WASHINGTON BLVD 95678 CONT..

400	XXXX	00	
401	ROBERTS I R	783-5555	3
	*TOWN HOUSE MOTEL	782-9559	
407½	STOWE ODETTA	782-3602	3
409	XXXX	00	
412	GIFFORD RICHARD L	782-4074	*4
413	RICHARDSON H A	783-3138	
419	WISEMAN ROBT L	783-0548	3
510	*DOUGLAS SERV STA 1	783-5030	3
611	XXXX	00	
NO #	*BUTKOVICH TEXACO SV	782-2586	

* 15 BUS 11 RES 5 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

WASHINGTON BLVD 1970



WASHINGTON BLVD 95678 ROSEVILLE

109*FIRST UNTD METH CH 783-3464
GRASSROOTE O E D 783-4002
115*PICHES KINGERIDS 783-8163
117*CREDIT BUR PLACR CO783-7126
*CREDIT BUR REPORTS 783-7126
*REATLERS CR ASSN 783-7126
123*SHEARDS UNION SERV 782-1587
221*ROSEVILLE TRVL AGCY782-2156
308*AYDELOTTE EARL J 782-2084
*MACS DRIVE IN 782-2084
309 RUIZ ROBT F 783-8436
310*THOMASONS RCHFLD SV782-1344
315 MCANALLY JAS F MD 782-2534
400*ESKRIDGES CHEVRN SV782-3278
401 BESS C C 783-4091
*TOWN HOUSE MOTEL 782-9559
409 GAUGHAN C A 782-1876
GATES GEO W 782-2537
412 EDWARDS ELVIN J 782-3079
413 RICHARDSON H A 783-3138
419 RICHTER DJANE 782-6358
510*KOBERLEIN D SERV 783-3140
611 DAVENPORT KEITH L 783-8983
DICKINSON DELORES L782-3004
DOLLAR JIMMY 783-3438
KOEHN DENNIS L 783-5945
KOTSIFAS ANDREW N 783-4565
MIJER BERNHARD E 783-5104
STILLING DANIEL W 783-7801
NO #*BUTKOVICH TEXACO SV782-2586
* 14 BUS 16 RES

Appendix F

CUPA Records Search

Correspondence included. Complete records available upon request.

Schooner, Casey

From: Carroll, Ryan <RCarroll@roseville.ca.us>
Sent: Thursday, May 30, 2019 4:01 PM
To: Schooner, Casey
Subject: City of Roseville Records Request 1
Attachments: 510 Washington Bl - HazMat.4 - Casey Schooner.pdf; 510 Washington Bl - RMS - Casey Schooner.pdf; 800 All American City Bl - HazMat.1 - Casey Schooner.pdf; 800 All American City Bl - HazMat.2 - Casey Schooner.pdf; 800 All American City Bl - HazMat.3 - Casey Schooner.pdf; 800 All American City Bl - HazMat.4 - Casey Schooner.pdf; 800 All American City Bl - HazMat.5 - Casey Schooner.pdf; 800 All American City Bl - HazMat.6 - Casey Schooner.pdf; 800 All American City Bl - RMS - Casey Schooner.pdf; 510 Washington Bl - HazMat.1 - Casey Schooner.pdf; 510 Washington Bl - HazMat.3 - Casey Schooner.pdf

Dear Casey Schooner,

Below find information in reference to your records request dated May 29, 2019.

Address request for 800 All American City there are 6 Haz Mat files attached, and 1 RMS file. Annual inspection was passed on 4/11/2019
Address request for 510 Washington Blvd there are 4 Haz Mat files attached, and 1 RMS file. Annual Inspection scheduled for end of May/early June 2019
Address request for 699 Washington Blvd is NOT a Haz Mat site. Annual inspection was passed on 2/27/2019

We hope this information is helpful to you.

Thank you,

Ryan Carroll
Deputy City Clerk
City Clerk Department
o: (916) 774-5265

Civic Center | 311 Vernon Street | Roseville, CA | 95678

Records Request 5/29/2019 was submitted by Guest on 5/29/2019 (GMT-08:00) US/Pacific

Name	Value
Date Requested	5/29/2019
Date Required	6/8/2019
Requested By	Casey Schooner

Phone 619.744.0111

Email casey.schooner@kimley-horn.com

Describe Details I am hoping to find any hazardous materials records for the following addresses related to the items bulleted below. Please let me know if there is a different, preferred method for obtaining records, thank you! Addresses: • 800 All America City Boulevard, Roseville, CA 95678 • 510 Washington Boulevard, Roseville, CA 95678 • 699 Washington Boulevard, Roseville, CA 95678 Records related to: • Hazardous waste • Clean up sites • Tiered permitted facility • Aboveground tank • UST monitoring/removal • Hazardous materials • Spill/release response • Solid waste facility • Dairy • Septic pumper truck/yard/chemical toilets • Wastewater treatment plant • Medical waste facility • Waste tire • Complaints

Other Info

Appendix G

User Questionnaire

PHASE I ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Phase I ESA Questions – Please answer to the best of your knowledge. If the answer is not known, please indicate by stating "Unknown".

1) Is the site or adjacent properties used for industrial purposes? Not to my knowledge

2) Has the site or adjacent properties ever been used for industrial purposes? Not to my knowledge

3) Has the site or adjacent properties been used for any of the following? Not to my knowledge
   - Gas station
   - Motor repair facility
   - Commercial printing facility
   - Drycleaner
   - Photo developing lab
   - Junkyard
   - Landfill
   - Waste treatment, storage, disposal, processing, or recycling facility
   - Manufacturing facility

Has the site been used for storage, use, or disposal of any of the following? Not to my knowledge
   - Automobile fluids
   - Industrial batteries
   - Pesticides
   - Herbicides
   - Gasoline
   - Diesel fuel
   - Paints
   - Solvents
   - Hazardous chemicals

4) Has the site been used for storage of industrial drums? No to my knowledge

5) Has fill dirt ever been brought to the site? Not to my knowledge

6) Are there or have there ever been any pits, ponds, or lagoons on the site? Not to my knowledge

7) Are there or have there been any septic system, seepage pits, cesspools, oil/water separators, interceptors, trash pits, silage pits, landing strips, or other areas of concern on the site? Not to my knowledge

8) Are you aware of any floor drains at the site, especially in manufacturing or chemical use/storage areas? N o

9) Are you aware of any past or present underground storage tanks or above ground storage tanks? If so, what were the size, contents, and removal status (if applicable). No

10) Are you aware of any past or present stained soils on the site? No

11) Are you aware of any past or present vent or fill piping on the site? No

12) Is there or have there ever been foul odors emitting from the flooring, walls, ceilings, or floor drains? No

13) Is the property served by a well or the public water system, if so, has the water ever been found to contain contaminates in excess of government guidelines? No

14) Are there any environmental liens or other environmental violations associated with the site? Not to my knowledge

15) Has a Phase I Environmental Site Assessment ever been performed on the site? If, so, was the site found to be contaminated with hazardous and/or petroleum substances? Was further assessment recommended? Not to my knowledge

16) Are you aware of any past, threatened, or pending lawsuits or government proceedings concerning releases or threatened releases of hazardous substances at the site? No

17) Does the property discard wastewater on or adjacent to the property other than storm water to the city sewer? No

18) Are you aware of past dumping on the site? No

19) Are there transformers, capacitors, or other hydraulic equipment on the site that may contain PCBs? Not to my knowledge

20) Are you aware of any retention basins or drywells on the site? No

21) Has the site even been used for pesticide or herbicide mixing? Not to my knowledge

22) Has an asbestos or lead based paint survey been performed on the site? Not to my knowledge

Appendix H

Site Photographs

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 1



Remarks: Drainage ditch looking north no evidence of soil staining.

Location: Washington Boulevard and Lincoln Street.

Photo No. 2



Remarks: Drainage ditch looking north, obligate wetland species, miscellaneous trash and debris in channel
No evidence of soil staining.

Location: Washington Boulevard and Lincoln Street.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 3



Remarks: Metal culvert pipe outlet to drainage on north side of intersection of Lincoln Street and Washington Boulevard. Trash and debris.
Location: Looking south from north side of intersection of Lincoln Street and Washington Boulevard.

Photo No. 4



Remarks: Debris and vegetation in drainage ditch east of Washington Boulevard. View looking north. Concrete culvert in Photo 5 is on the "right" side of the ditch in the middle ground of this picture.
Location: East of Washington Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 5



Remarks: View looking southeast. Concrete culvert pipe and trash at northerly end of drainage ditch. Pipe runs east. (See Photo No. 5 for northerly view)

Location: Northerly end of drainage ditch on easterly side of Washington Boulevard.

Photo No. 6



Remarks: View looking northeast. Concrete culvert pipe at northerly end of drainage ditch. Pipe runs east.

Location: Northerly end of drainage ditch on easterly side of Washington Boulevard.

Photo No. 7



Remarks: Northerly view along eastern side of Washington Boulevard toward recycling drop off. No evidence of soil staining, some minor debris.
Location: Easterly side of Washington Boulevard at the northerly edge of the drainage ditch.

Photo No. 8



Remarks: Northerly view along eastern side of Washington Boulevard toward recycling drop off. Vegetated swale on eastern side of Washington Boulevard between paved adjacent area.
Location: Easterly side of Washington Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 9



Remarks: Northerly view of the dirt pullout south of the recycling drop off. No soil staining evident.

Location: East side of Washington Boulevard looking north.

Photo No. 10



Remarks: View of solar panel and transformer on power poles on easterly side of recycling drop off.

Location: Recycling Drop off on east side of Washington Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 11



Remarks: Close up view of the transformer on power pole in recycling drop off. No evidence of leaks.

Location: Easterly side of recycling drop off on easterly side of Washington Boulevard.

Photo No. 12



Remarks: Water cover in parking lot of recycling drop off.

Location: Easterly side of Washington Boulevard.

Photo No. 13



Remarks: Pavement staining in parking lot of recycling drop off.

Location: Recycling drop off on easterly side of Washington Boulevard.

Photo No. 14



Remarks: Base of power pole with transformer in recycling drop off. No evidence of staining or leaks.

Location: Recycling drop off on easterly side of Washington Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 15



Remarks: View looking north along easterly side of Washington Boulevard. No evidence of soil staining. Small amount of trash and debris.
Location: Easterly side of Washington Boulevard looking north from point north of recycling drop off.

Photo No. 16



Remarks: View of vault stamped "Interconnect" and concrete pad and utility pole.

Location: Easterly side of Washington Boulevard looking north.

Photo No. 17



Remarks: End of sidewalk on easterly side of Washington Boulevard.

Location: Easterly side of Washington Boulevard looking north.

Photo No. 18



Remarks: Leaking sprinklers/controls at end of sidewalk on easterly side of Washington Boulevard

Location: Easterly side of Washington Boulevard looking southeast.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 19



Remarks: View of dirt lot south of recycling drop off and utility poles running south. No transformers. No evidence of soil staining.
Location: Easterly side of Washington Boulevard looking south from south side of recycling drop off.

Photo No. 20



Remarks: Photo from center of railroad tracks looking north. No evidence of spills. Scent of creosote is strong.

Location: East of Washington Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 21



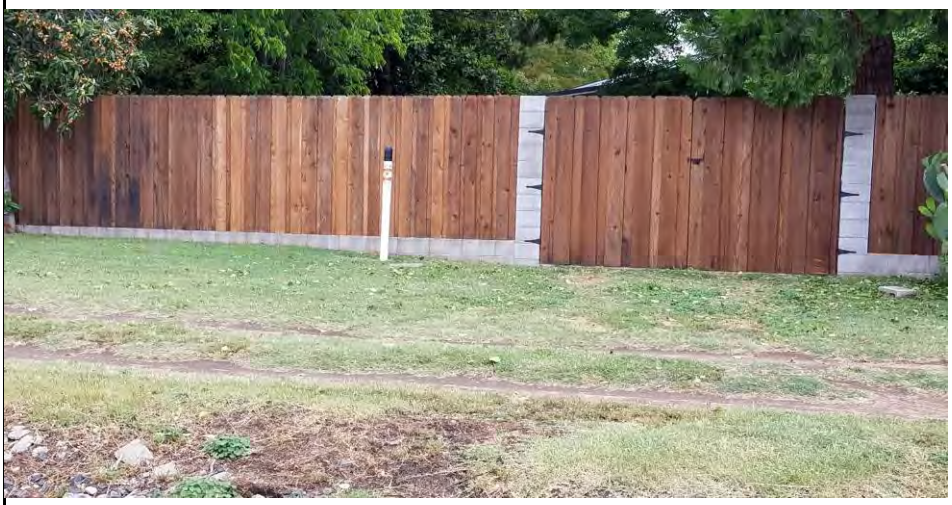
Remarks: Photo from center of railroad tracks looking south. No evidence of spills. Broken concrete on east side of tracks. Scent of creosote is strong.
Location: East of Washington Boulevard.

Photo No. 22



Remarks: Broken concrete and old fence post bases on east side of railroad tracks. Fiber optic marker in background. Fenceline of adjacent houses shown.
Location: East side of Washington Boulevard from railroad track.

Photo No. 23





Remarks: Close up view of fiber-optic marker

Location: East of Railroad tracks east of Washington Boulevard

Photo No. 24



Remarks: Trash in ditch/former transient encampment east of Washington Boulevard.

Location: East of Washington Boulevard west of railroad embankment.

Photo No. 25



Remarks: Trash in ditch/former encampment east of Washington Boulevard.

Location: East of Washington Boulevard west of railroad embankment.

Photo No. 26



Remarks: Southerly view of railroad tracks and utility poles with no transformers

Location: West of intersection of Lincoln Street and Washington Boulevarc

Photo No. 27



Remarks: Southerly view of Lincoln Street and head of drainage (see Photo 28 below) at very right of this picture.

Location: Northern side of Lincoln Street just east of intersection with Washington Boulevard.

Photo No. 28



Remarks: View of the drainage on the south side of the intersection. Culvert is at the base of the slope. Concrete vault marked, "Interconnect" on right side adjacent to Washington Boulevard.

Location: South side of intersection of Lincoln Street and Washington Boulevard.

Photo No. 29



Remarks: Close up view of concrete with metal lid.

Location: South of intersection of Lincoln Street and Washington Boulevard.

Photo No. 30



Remarks: Picture of metal culvert pipe and trash and debris.

Location: South side of the Lincoln Street intersection with Washington Boulevard

Photo No. 31



Remarks: Drainage ditch on east side of Washington Boulevard. Water in ditch, trash and debris. (Water spot on roadway). No evidence of soil staining.
Location: Easterly side of Washington Boulevard.

Photo No. 32



Remarks: View of drainage ditch and field containing old concrete pad between Washington Boulevard and Lincoln Street. No soil staining.
Location: Easterly side of Lincoln Street.

Photo No. 33



Remarks: View north toward intersection of Washington Boulevard and Lincoln Street. Concrete vault with metal lid. Trash and debris on bank. Insulated duct scrape and tar paper.
Location: Easterly side of Washington Boulevard.

Photo No. 34



Remarks: Concrete culvert under Washington Boulevard. May connect to drainage facilities in parking lot on the west side of the street (see pictures 57, 66, and 68.)
Location: Westerly side of Washington Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 35



Remarks: Top of drainage looking east at concrete pad.

Location: East side of Washington Boulevard. Approximately 5 feet above level of concrete.

Photo No. 36



Remarks: Water in drainage east of Washington Boulevard

Location: From easterly edge of the drainage looking northwest.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 37



Remarks: Southerly view of Lincoln Street. Dirt pullout around fire hydrant. Possible slight soil staining, however, likely color differences due to recent rain.
Location: South of intersection of Lincoln Street and Washington Boulevard.

Photo No. 38



Remarks: Picture of tire tracks in mud in pull out around fire hydrant. Possible minimal soil staining.

Location: Pull out around fire hydrant south of Lincoln Street and Washington Boulevard intersection.

Photo No. 39



Remarks: Discarded white bucket and blue crabs in the field.

Location: In the field between Lincoln Street and Washington Boulevard.

Photo No. 40



Remarks: Drainage ditch and bank east of Washington Boulevard. Visible trash and debris.

Location: In the field between Lincoln Street and Washington Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 41



Remarks: View of the field with the concrete pad. Vegetated with grasses.

Location: In the field between Lincoln Street and Washington Boulevard.

Photo No. 42



Remarks: View south along Lincoln Street and of roadway shoulder. No soil staining observed.

Location: Westerly side of Lincoln Street.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 43



Remarks: Concrete pad in the field between Washington Boulevard and Lincoln Street. Washington Boulevard is in the middle ground of this picture. Commercial center is in the background.

Location: View looking west from the field/concrete pad.

Photo No. 44



Remarks: View of old step on southerly side of the concrete pad.

Location: Field between Lincoln Street and Washington Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 45



Remarks: View of small pad southerly from larger concrete pad.

Location: Field between Lincoln Street and Washington Boulevard.

Photo No. 46



Remarks: View of curb on northerly side of concrete pad. Washington Boulevard and commercial development in the middle and background.

Location: Field between Lincoln Street and Washington Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 47



Remarks: View south along Lincoln Street and of roadway shoulder (Further south than Picture 42). No staining observed.
Location: Westerly side of Lincoln Street.

Photo No. 48



Remarks: View of fire hydrant and water cover

Location: Adjacent to westerly side of Lincoln Street.

Photo No. 49



Remarks: View of train proceeding north on railroad tracks.

Location: North of intersection of Lincoln Street and Washington Boulevard.

Photo No. 50



Remarks: View across Washington Boulevard of the commercial center.

Location: From intersection of Lincoln Street and Washington Boulevard.

Photo No. 51



Remarks: View of All American Speedway and corner of All America City Boulevard and Washington Boulevard.

Location: From northerly corner of Lincoln Street and Washington Boulevard.

Photo No. 52



Remarks: View of drainage ditch, field, Lincoln Street, and Washington Boulevard.

Location: Northerly side of intersection of Lincoln Street and Washington Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 53



Remarks: View looking northeasterly of intersection of Washington Boulevard and All America City Boulevard. Some staining on asphalt observed.
Location: View northeasterly from parking lot of commercial area.

Photo No. 54



Remarks: View looking south of utilities adjacent to westerly side of Washington Boulevard.

Location: South of intersection of Washington Boulevard and All America City Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 55



Remarks: Close up view of utilities on westerly side of Washington Boulevard.

Location: South of intersection of Washington Boulevard and All America City Boulevard.

Photo No. 56



Remarks: View looking north toward All America City Boulevard on westerly side of Washington Boulevard. View of electric box and light pole.

Location: South of intersection of Washington Boulevard and All America City Boulevard.

Photo No. 57



Remarks: Close up view of electric box.

Location: South of intersection of Washington Boulevard and All America City Boulevard.

Photo No. 58



Remarks: Storm water drainage facilities. May feed to concrete culvert in ditch on easterly side of Washington Boulevard (Photo No 34).

Location: South of intersection of Washington Boulevard and All America City Boulevard.

Photo No. 59



Remarks: View of commercial center to the south west

Location: South of intersection of Washington Boulevard and All America City Boulevard.

Photo No. 60



Remarks: View of tenant sign for commercial center and water line in foreground.

Location: South of intersection of Washington Boulevard and All America City Boulevard.

Photo No. 61



Remarks: Northwesterly view of parking lot and commercial center.

Location: South of intersection of Washington Boulevard and All America City Boulevard.

Photo No. 62



Remarks: Utility pipes and electrical box in parking lot island of the commercial center.
Staining of asphalt observed.

Location: Central portion of the commercial center parking lot.

Photo No. 63



Remarks: Close up view of the utility valves and piping.

Location: Central portion of the commercial center parking lot.

Photo No. 64



Remarks: Close of up view of the decayed warning label on the valves.

Location: Central portion of the commercial center parking lot.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 65



Remarks: Electric utility box in the island of the commercial parking lot.

Location: Central portion of the commercial center parking lot.

Photo No. 66



Remarks: View looking south of parking lot and storm drain in parking lot.

Location: Central portion of the commercial center parking lot.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 67



Remarks: View of storm drainage and manhole cover looking east toward the drainage ditch on the east side of Washington Boulevard.
Location: Central portion of the commercial center parking lot.

Photo No. 68



Remarks: View of intersection All America City Boulevard and Washington Boulevard. Note: faded "X" in pavement. No additional marking.
Location: Northern portion of the commercial center parking lot.

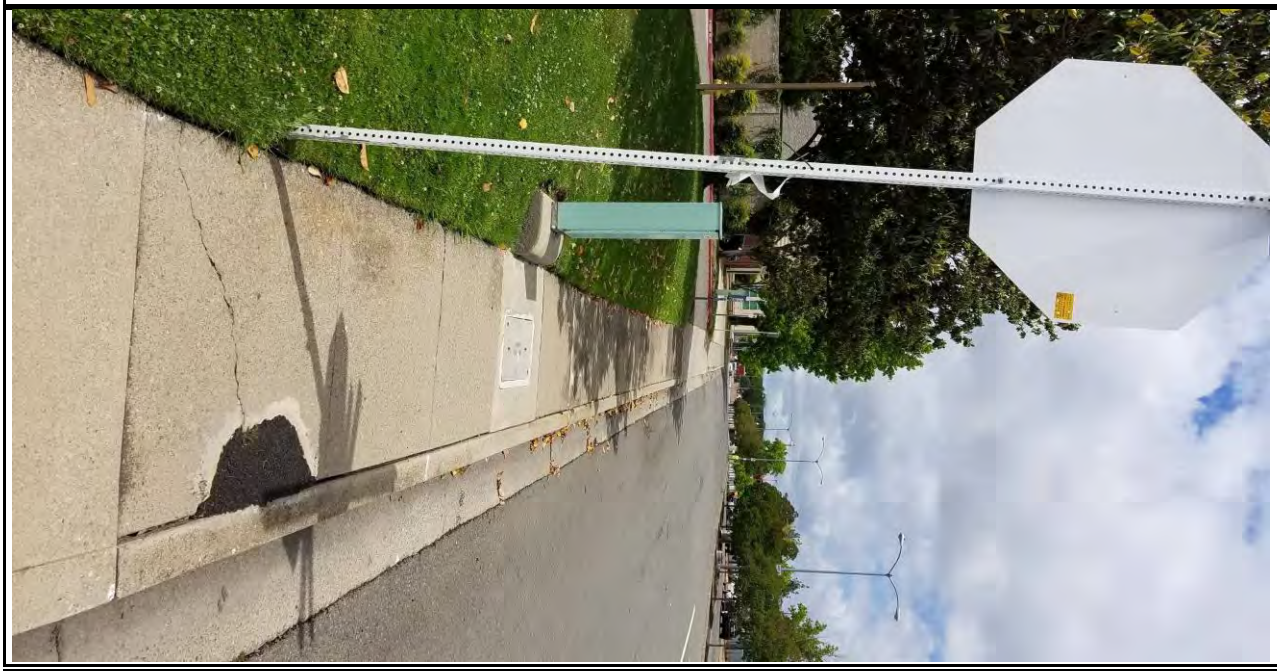
Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 69



Remarks: View looking west along All America City Boulevard at telephone box and access in sidewalk.

Location: South side of All America City Boulevard.

Photo No. 70



Remarks: Close up view of telephone box and access in sidewalk.

Location: South side of All America City Boulevard.

Photo No. 71



Remarks: View westerly of All America City Boulevard. Utility box and electrical utility in the foreground.

Location: South side of All America City Boulevard.

Photo No. 72



Remarks: Close up view of utility box and electrical utility. Trash enclose in background.

Location: South side of All America City Boulevard at westerly entrance to parking lot for commercial center..

Photo No. 73



Remarks: Westerly view of All America City Boulevard.

Location: Southerly side of All America City Boulevard.

Photo No. 74



Remarks: Northwesterly view of All America City Boulevard with electrical box, light pole, and metal mesh utility box in the landscaped median. All American Speedway is in the background.

Location: Southerly side of All America City Boulevard.

Photo No. 75



Remarks: Close up view of electrical box and utility pole base.

Location: Landscaped median of All America City Boulevard.

Photo No. 76



Remarks: Close up view of metal mesh box containing unknown utility.

Location: Landscaped median of All America City Boulevard.

Photo No. 77



Remarks: View looking west from median of All America City Boulevard. Woodbridge Elementary School on southwest corner of the intersection Nile Avenue in the foreground.

Location: Median of All America City Boulevard west of intersection with Washington Boulevard.

Photo No. 78



Remarks: View of All American City Speedway from All America City Boulevard.

Location: Median of All America City Boulevard west of intersection with Washington Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 79



Remarks: View of the northerly side of All America City Boulevard and utilities and northwesterly corner of All America City Boulevard and Washington Boulevard.

Location: North side of All America City Boulevard.

Photo No. 80



Remarks: View of All America City Speedway from northerly side of All America City Boulevard.

Location: North side of All America City Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 81



Remarks: View of southeasterly portion of the All American City Speedway property (see photo No. 82 for southeasterly extent).
Location: North side of All America City Boulevard.

Photo No. 82



Remarks: View of southeasterly portion of the All American City Speedway property

Location: North side of All America City Boulevard.

Photo No. 83



Remarks: View of utilities in the landscaped median of All America City Boulevard.

Location: Median of All America City Boulevard.

Photo No. 84



Remarks: View of westbound lanes of All America City Boulevard.

Location: Northerly side of All America City Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 85



Remarks: Southwesterly extent of the All American Speedway Property showing Washington Boulevard in the background.
Location: Northerly side of All America Boulevard.

Photo No. 86



Remarks: Stained asphalt on the curbside of the westbound lane/parking for All America City Boulevard.

Location: Northerly side of All America Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 87



Remarks: Southwesterly fenceline and field of the All American Speedway.

Location: Fenceline of property of All American Speedway. (See photo No. 88 below) for photo site.

Photo No. 88



Remarks: View of landscaped berm on northwestern corner of the intersection of Washington Boulevard and All America City Boulevard.

Location: Northwest of intersection of Washington Boulevard and All America City Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 89



Remarks: View of sidewalk, landscaping, and irrigation on westerly side of Washington Boulevard.

Location: Westerly side of Washington Boulevard.

Photo No. 90



Remarks: View of inside the fenceline of All American City Speedway near the southwestern property boundary.

Location: Westerly side of Washington Boulevard.

Photo No. 91



Remarks: view of sidewalk, landscaping, irrigation controls, and utility pole on westerly side of Washington Boulevard.
Location: North of intersection of Washington Boulevard and All America City Boulevard.

Photo No. 92



Remarks: View southwest over the fenceline of the All American Speedway with Woodbridge Elementary in the background.
Location: South side of Washington Boulevard, North of intersection of Washington Boulevard and All America City Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 93



Remarks: View southwest over the fenceline of the All American Speedway

Location: South side of Washington Boulevard, North of intersection of Washington Boulevard and All America City Boulevard.

Photo No. 94



Remarks: View north of landscaping and sidewalk to the west of Washington Boulevard

Location: South side of Washington Boulevard, North of intersection of Washington Boulevard and All America City Boulevard.

Kimley»Horn
555 Capitol Mall, Suite 300
Sacramento, CA 95814

Washington Blvd and All America City Blvd Roundabout Project

Photograph Sheet

KHA Job No.: 97918026
KHA Rep.: Brad Stoneman
Date: May 17, 2019

Photo No. 95



Remarks: View north of landscaping, irrigation controls, and sidewalk to the west of Washington Boulevard

Location: South side of Washington Boulevard, North of intersection of Washington Boulevard and All America City Boulevard.

Photo No. 96

No Picture - Left Intentionally Blank.

Remarks:

Location:
Elevation:

Appendix I

EDR Radius Map Report

Washington Blvd At All America City Blvd Rndabt
Washington Blvd/All America City Blvd/Lincoln St
Roseville, CA 95678

Inquiry Number: 5642154.2s
May 03, 2019

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	8
Orphan Summary	237
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-8
Physical Setting Source Map Findings	A-10
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

The EDR FieldCheck®System enables EDR's customers to make certain online modifications to the maps and text contained in EDR Radius Map Reports. As a result, the maps and text contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. The EDR FieldCheck System accesses user-modified records from previously submitted reports. Any user-modified record from a previous report that is plotted outside the search radius of this report may not be included in this report.

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, 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 a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 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, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of the environmental records was conducted by Environmental Data Resources, Inc. (EDR). KIMLEY HORN & ASSOCIATES, INC. used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by KIMLEY HORN & ASSOCIATES, INC.. The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

WASHINGTON BLVD/ALL AMERICA CITY BLVD/LINCOLN ST
ROSEVILLE, CA 95678

COORDINATES

Latitude (North):	38.7571880 - 38° 45' 25.87''
Longitude (West):	121.2885910 - 121° 17' 18.92''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	648707.7
UTM Y (Meters):	4291015.0
Elevation:	160 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5619746 ROSEVILLE, CA
Version Date:	2012
South Map:	5619692 CITRUS HEIGHTS, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140713, 20140621
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
WASHINGTON BLVD/ALL AMERICA CITY BLVD/LINCOLN ST
ROSEVILLE, CA 95678

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	STORAGE DIRECT @ ROS	798 WASHINGTON BLVD	FINDS	Higher	1 ft.
2	SOUTHERN PACIFIC PIP	PACIFIC AND SUNSET	CPS-SLIC	Higher	25, 0.005, North
A3	PLACER COUNTY FAIR A	800 ALL AMERICA CITY	CIWQS, HIST UST, HAZNET, NPDES	Higher	489, 0.093, West
A4	PLACER COUNTY FAIR A	800 ALL AMERICA CITY	HAZNET, HIST UST	Higher	489, 0.093, West
A5	PLACER COUNTY FAIR A	800 ALL AMERICA CITY	CERS, CERS HAZ WASTE	Higher	489, 0.093, West
A6	PLACER COUNTY FAIR A	800 ALL AMERICA CITY	SWEEPS UST, CA FID UST	Higher	489, 0.093, West
B7	HIRA PETROLEUM	510 WASHINGTON BLVD	CERS, CERS TANKS, HAZNET, CERS HAZ WASTE	Higher	537, 0.102, SSE
B8	FAST GAS	510 WASHINGTON BLVD	HIST UST	Higher	537, 0.102, SSE
B9	HIRA'S BP	510 WASHINGTON BLVD.	UST	Higher	537, 0.102, SSE
B10	HIRA PETROLEUM	510 WASHINGTON BLVD	EDR Hist Auto	Higher	537, 0.102, SSE
B11	A MART	510 WASHINGTON ST	CERS, LUST, HIST CORTESE, HIST UST	Higher	537, 0.102, SSE
B12	AMERI MART	510 WASHINGTON ST	SWEEPS UST, CA FID UST	Higher	537, 0.102, SSE
C13	SIERRA VIEW COUNTRY	105 ALTA VISTA DR	CERS, LUST, EMI, HIST CORTESE	Lower	594, 0.112, NNW
C14	SIERRA VIEW COUNTRY	105 ALTA VISTA AVE	CERS, HAZNET, CERS HAZ WASTE	Lower	594, 0.112, NNW
15	LIFT STATION SEWER A	NORTH ROSEVILLE	HIST UST	Higher	676, 0.128, SE
D16	LAMBERT PRECISION GR	911 WASHINGTON BLVD	HAZNET, CERS HAZ WASTE	Lower	917, 0.174, NW
D17	CITY OF ROSEVILLE CO	CORPORATION YARD ROA	HIST UST	Lower	966, 0.183, WNW
E18	ROSEVILLE CORPORATIO	100 CORPORATION YARD	CERS, LUST, HIST CORTESE	Higher	1187, 0.225, WNW
F19	BUBBA'S AUTO CARE	310 WASHINGTON BLVD	CERS, CERS HAZ WASTE	Higher	1198, 0.227, South
E20	CITY OF ROSEVILLE CO	100 CORPORATION YARD	SWEEPS UST	Higher	1198, 0.227, WNW
E21	CITY OF ROSEVILLE	100 CORPORATION YARD	SWEEPS UST, CA FID UST	Higher	1198, 0.227, WNW
E22	PLACER CO FAIR	800 ALL AMERICAN BLV	CERS, LUST, HIST CORTESE, Cortese	Higher	1330, 0.252, WNW
F23	FINGERS CLASS III LF		WDS, Cortese	Higher	1397, 0.265, South
24	ARCO FACILITY # 5534	999 WASHINGTON BLVD	CERS, LUST	Lower	1428, 0.270, NW
G25	CAIRNY PROPERTY	412 LINCOLN ST	CERS, LUST, EMI, CHMIRS, HIST CORTESE, Cortese	Higher	1600, 0.303, SSE
G26	CITY OF ROSEVILLE -	101-108 CHURCH STREE	CERS, LUST	Higher	1722, 0.326, SSE
27	JOHNSON PETROLEUM CO	121 CHURCH STREET	CERS, LUST	Lower	1859, 0.352, SSE
H28	BARKER HOTEL	300 LINCOLN STREET	LUST	Lower	1955, 0.370, SSE
H29	PRIVATE RESIDENCE	PRIVATE RESIDENCE	CERS, LUST	Lower	2019, 0.382, SSE
30	PLACER CO CORPORATIO	200 CORPORATION YARD	CERS, LUST, HIST CORTESE	Lower	2123, 0.402, WNW
I31	TRIANGLE MARKET	200 ATLANTIC AVE	CERS, LUST, HIST CORTESE	Higher	2371, 0.449, SE
32	ADELANTE HIGH SCHOOL	350 ATLANTIC STREET	CERS, SCH, ENVIROSTOR	Higher	2400, 0.455, ESE
I33	ZAP TERMITE & PESTIC	128 BRITTAIN ST	SEMS-ARCHIVE	Higher	2541, 0.481, SE
34	ATLANTIC STREET OVER	ATLANTIC AVE	LUST	Higher	2580, 0.489, South
J35	TILLET CLEANERS (FOR	99 VERNON ST	CPS-SLIC	Higher	2586, 0.490, SE
J36	TILLET CLEANERS (FOR	97 VERNON STREET	CERS, CPS-SLIC	Higher	2631, 0.498, SE
J37	TILLET CLEANERS	97 VERNON ST.	SEMS-ARCHIVE	Higher	2631, 0.498, SE
38	DELUXE CLEANERS	404 VERNON STREET	CERS, CPS-SLIC, ENVIROSTOR	Lower	2987, 0.566, SSE
39	HIGHWAY 65 BYPASS	ATLANTIC STREET AT T	ENVIROSTOR	Lower	3068, 0.581, South

MAPPED SITES SUMMARY

Target Property Address:
WASHINGTON BLVD/ALL AMERICA CITY BLVD/LINCOLN ST
ROSEVILLE, CA 95678

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40	ROSEVILLE HIGH SCHOO	1 TIGER WAY	SCH, ENVIROSTOR	Higher	3328, 0.630, East
K41	ADMINSTRATION BUILDI	129 BERRY STREET	SCH, ENVIROSTOR	Higher	3610, 0.684, East
42	SAL'S GARAGE	100 ELM STREET	ENVIROSTOR	Higher	3629, 0.687, SSW
K43	ROSEVILLE HIGH SCHOO	134 BERRY STREET	SCH, ENVIROSTOR	Higher	3784, 0.717, East
44	SP-ROSEVILLE: NORTH	SP ROSEVILLE RAILYAR	RESPONSE, HIST Cal-Sites, HIST CORTESE,...	Lower	4309, 0.816, South

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 sites were identified in following databases.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Information System

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP ---------- Voluntary Cleanup Program Properties
INDIAN VCP ---------- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ---------- Waste Management Unit Database
SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
ODI ---------- Open Dump Inventory
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
SCH ---------- School Property Evaluation Program
CDL ---------- Clandestine Drug Labs
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
US CDL ---------- National Clandestine Laboratory Register
PFAS ---------- PFAS Contamination Site Location Listing

Local Land Records

LIENS ---------- Environmental Liens Listing
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

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
DOCKET HWC	Hazardous Waste Compliance Docket Listing
ECHO	Enforcement & Compliance History Information
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing

CA PLACER CO. MS - Master List of Facilities
MWMP - Medical Waste Management Program Listing
NPDES - NPDES Permits Listing
PEST LIC - Pesticide Regulation Licenses Listing
PROC - Certified Processors Database
Notify 65 - Proposition 65 Records
UIC - UIC Listing
UIC GEO - UIC GEO (GEOTRACKER)
WASTEWATER PITS - Oil Wastewater Pits Listing
WDS - Waste Discharge System
MILITARY PRIV SITES - MILITARY PRIV SITES (GEOTRACKER)
PROJECT - PROJECT (GEOTRACKER)
WDR - Waste Discharge Requirements Listing
CIWQS - California Integrated Water Quality System
CERS - CERS
WIP - Well Investigation Program Case List
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 Cleaner - EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF - Recovered Government Archive Solid Waste Facilities List
RGA LUST - Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-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.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the SEMS-ARCHIVE list, as provided by EDR, has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ZAP TERMITE & PESTIC EPA Id: CAD088852413: Site ID: 0901649:	128 BRITTAIN ST	SE 1/4 - 1/2 (0.481 mi.)	I33	200
TILLET CLEANERS EPA Id: CAD983579616: Site ID: 0903791:	97 VERNON ST.	SE 1/4 - 1/2 (0.498 mi.)	J37	204

State- and tribal - equivalent NPL

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the RESPONSE list, as provided by EDR, has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SP-ROSEVILLE: NORTH AWP Facility Id: 31400006: Facility Id: 31400006: Status: Active:	***SP ROSEVILLE RAILYAR***	***S 1/2 - 1 (0.816 mi.)***	***44***	***218***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which

there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the ENVIROSTOR list, as provided by EDR, has revealed that there are 8 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ADELANTE HIGH SCHOOL Status: No Further Action: Facility Id: 31880003:	***350 ATLANTIC STREET***	***ESE 1/4 - 1/2 (0.455 mi.)***	***32***	***197***
ROSEVILLE HIGH SCHOO Status: No Action Required: Facility Id: 31820003:	***1 TIGER WAY***	***E 1/2 - 1 (0.630 mi.)***	***40***	***209***
ADMINSTRATION BUILDI Status: No Action Required: Facility Id: 31820004:	***129 BERRY STREET***	***E 1/2 - 1 (0.684 mi.)***	***K41***	***211***
SAL'S GARAGE Status: Refer: Other Agency: Facility Id: 31750002:	100 ELM STREET	SSW 1/2 - 1 (0.687 mi.)	42	214
ROSEVILLE HIGH SCHOO Status: No Action Required: Facility Id: 31880004:	***134 BERRY STREET***	***E 1/2 - 1 (0.717 mi.)***	***K43***	***215***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DELUXE CLEANERS Status: Refer: RWQCB: Facility Id: 31720002:	***404 VERNON STREET***	***SSE 1/2 - 1 (0.566 mi.)***	***38***	***205***
HIGHWAY 65 BYPASS Status: Refer: RWQCB: Facility Id: 31510001:	ATLANTIC STREET AT T	S 1/2 - 1 (0.581 mi.)	39	208
SP-ROSEVILLE: NORTH Status: Active: Facility Id: 31400006:	***SP ROSEVILLE RAILYAR***	***S 1/2 - 1 (0.816 mi.)***	***44***	***218***

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the LUST list, as provided by EDR, has revealed that there are 13 LUST sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A MART	***510 WASHINGTON ST***	***SSE 0 - 1/8 (0.102 mi.)***	***B11***	***77***
Status: Completed - Case Closed:				
Status: Preliminary site assessment underway:				
Global Id: T0606100111:				
ROSEVILLE CORPORATIO	***100 CORPORATION YARD***	***WNW 1/8 - 1/4 (0.225 mi.)***	***E18***	***115***
Status: Completed - Case Closed:				
Status: Case Closed:				
Global Id: T0606100110:				
PLACER CO FAIR	***800 ALL AMERICAN BLV***	***WNW 1/4 - 1/2 (0.252 mi.)***	***E22***	***135***
Status: Open - Remediation:				
Status: Remedial action (cleanup) Underway:				
Global Id: T0606100208:				
CAIRNY PROPERTY	***412 LINCOLN ST***	***SSE 1/4 - 1/2 (0.303 mi.)***	***G25***	***152***
Status: Open - Eligible for Closure:				
Status: Preliminary site assessment underway:				
Global Id: T0606100196:				
CITY OF ROSEVILLE -	***101-108 CHURCH STREE***	***SSE 1/4 - 1/2 (0.326 mi.)***	***G26***	***170***
Status: Completed - Case Closed:				
Status: Preliminary site assessment underway:				
Global Id: T0606158052:				
TRIANGLE MARKET	***200 ATLANTIC AVE***	***SE 1/4 - 1/2 (0.449 mi.)***	***I31***	***193***
Status: Completed - Case Closed:				
Status: Case Closed:				
Global Id: T0606100216:				
ATLANTIC STREET OVER	ATLANTIC AVE	S 1/4 - 1/2 (0.489 mi.)	34	201
Status: Completed - Case Closed:				
Global Id: T0606100089:				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIERRA VIEW COUNTRY	***105 ALTA VISTA DR***	***NNW 0 - 1/8 (0.112 mi.)***	***C13***	***94***
Status: Completed - Case Closed:				
Status: Case Closed:				
Global Id: T0606100139:				
ARCO FACILITY # 5534	***999 WASHINGTON BLVD***	***NW 1/4 - 1/2 (0.270 mi.)***	***24***	***150***
Status: Completed - Case Closed:				
Status: Case Closed:				
Global Id: T0606143676:				
JOHNSON PETROLEUM CO	***121 CHURCH STREET***	***SSE 1/4 - 1/2 (0.352 mi.)***	***27***	***175***
Status: Completed - Case Closed:				
Status: Pollution Characterization:				
Global Id: T0606170747:				
BARKER HOTEL	300 LINCOLN STREET	SSE 1/4 - 1/2 (0.370 mi.)	H28	183
Status: Case Closed:				
PRIVATE RESIDENCE	***PRIVATE RESIDENCE***	***SSE 1/4 - 1/2 (0.382 mi.)***	***H29***	***183***
Status: Completed - Case Closed:				
Global Id: T0606181155:				
PLACER CO CORPORATIO	***200 CORPORATION YARD***	***WNW 1/4 - 1/2 (0.402 mi.)***	***30***	***185***
Status: Completed - Case Closed:				

Status: Preliminary site assessment underway:
Global Id: T0606100276:

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the CPS-SLIC list, as provided by EDR, has revealed that there are 3 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN PACIFIC PIP Facility Status::	PACIFIC AND SUNSET	N 0 - 1/8 (0.005 mi.)	2	8
TILLET CLEANERS (FOR Facility Status: RI:	99 VERNON ST	SE 1/4 - 1/2 (0.490 mi.)	J35	203
TILLET CLEANERS (FOR Facility Status: Open - Site Assessment: Global Id: SLT5S2813318:	***97 VERNON STREET***	***SE 1/4 - 1/2 (0.498 mi.)***	***J36***	***203***

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIRA'S BP Facility Id: 31-015-014288: Facility Id::	510 WASHINGTON BLVD.	SSE 0 - 1/8 (0.102 mi.)	B9	76

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the HIST Cal-Sites list, as provided by EDR, has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SP-ROSEVILLE: NORTH	***SP ROSEVILLE RAILYAR***	***S 1/2 - 1 (0.816 mi.)***	***44***	***218***

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.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the CERS HAZ WASTE list, as provided by EDR, has revealed that there are 5 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PLACER COUNTY FAIR A	***800 ALL AMERICA CITY***	***W 0 - 1/8 (0.093 mi.)***	***A5***	***14***
HIRA PETROLEUM	***510 WASHINGTON BLVD***	***SSE 0 - 1/8 (0.102 mi.)***	***B7***	***23***
BUBBA'S AUTO CARE	***310 WASHINGTON BLVD***	***S 1/8 - 1/4 (0.227 mi.)***	***F19***	***123***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIERRA VIEW COUNTRY	***105 ALTA VISTA AVE***	***NNW 0 - 1/8 (0.112 mi.)***	***C14***	***99***
LAMBERT PRECISION GR	***911 WASHINGTON BLVD***	***NW 1/8 - 1/4 (0.174 mi.)***	***D16***	***109***

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.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the SWEEPS UST list, as provided by EDR, has revealed that there are 4 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PLACER COUNTY FAIR A Status: : Comp Number: 56336: Tank Status: :	***800 ALL AMERICA CITY***	***W 0 - 1/8 (0.093 mi.)***	***A6***	***22***
AMERI MART Status: A: Comp Number: 14288: Tank Status: A:	***510 WASHINGTON ST***	***SSE 0 - 1/8 (0.102 mi.)***	***B12***	***92***
CITY OF ROSEVILLE CO Status: A: Comp Number: 71645: Tank Status: A:	100 CORPORATION YARD	WNW 1/8 - 1/4 (0.227 mi.)	E20	132
CITY OF ROSEVILLE Status: A: Comp Number: 56801: Tank Status: A:	***100 CORPORATION YARD***	***WNW 1/8 - 1/4 (0.227 mi.)***	***E21***	***133***

HIST UST: Historical UST Registered Database.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the HIST UST list, as provided by EDR, has revealed that there are 6 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PLACER COUNTY FAIR A Facility Id: 00000056336:	***800 ALL AMERICA CITY***	***W 0 - 1/8 (0.093 mi.)***	***A3***	***8***
PLACER COUNTY FAIR A Facility Id::	***800 ALL AMERICA CITY***	***W 0 - 1/8 (0.093 mi.)***	***A4***	***13***
FAST GAS Facility Id: 00000014288:	510 WASHINGTON BLVD	SSE 0 - 1/8 (0.102 mi.)	B8	76
A MART Facility Id::	***510 WASHINGTON ST***	***SSE 0 - 1/8 (0.102 mi.)***	***B11***	***77***
LIFT STATION SEWER A Facility Id: 00000056800:	NORTH ROSEVILLE	SE 1/8 - 1/4 (0.128 mi.)	15	109

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY OF ROSEVILLE CO Facility Id: 00000056801:	CORPORATION YARD ROA	WNW 1/8 - 1/4 (0.183 mi.)	D17	114

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the CA FID UST list, as provided by EDR, has revealed that there are 3 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PLACER COUNTY FAIR A Status: A: Facility Id: 31001861:	***800 ALL AMERICA CITY***	***W 0 - 1/8 (0.093 mi.)***	***A6***	***22***
AMERI MART Status: A: Facility Id: 31000113:	***510 WASHINGTON ST***	***SSE 0 - 1/8 (0.102 mi.)***	***B12***	***92***
CITY OF ROSEVILLE Status: A: Status: A: Facility Id: 31000112: Facility Id: 31000623:	***100 CORPORATION YARD***	***WNW 1/8 - 1/4 (0.227 mi.)***	***E21***	***133***

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.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the CERS TANKS list, as provided by EDR, has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIRA PETROLEUM	***510 WASHINGTON BLVD***	***SSE 0 - 1/8 (0.102 mi.)***	***B7***	***23***

Other Ascertainable Records

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the FINDS list, as provided by EDR, has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STORAGE DIRECT @ ROS Registry ID:: 110065635138:	798 WASHINGTON BLVD	0 - 1/8 (0.000 mi.)	1	8

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).

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the Cortese list, as provided by EDR, has revealed that there are 3 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PLACER CO FAIR Cleanup Status: OPEN - REMEDIATION: Envirostor Id::	***800 ALL AMERICAN BLV***	***WNW 1/4 - 1/2 (0.252 mi.)***	***E22***	***135***
FINGERS CLASS III LF Cleanup Status: : Envirostor Id::		***S 1/4 - 1/2 (0.265 mi.)***	***F23***	***149***
CAIRNY PROPERTY Cleanup Status: OPEN - ELIGIBLE FOR CLOSURE: Envirostor Id::	***412 LINCOLN ST***	***SSE 1/4 - 1/2 (0.303 mi.)***	***G25***	***152***

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.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the HIST CORTESE list, as provided by EDR, has revealed that there are 7 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A MART Reg Id: 310135:	***510 WASHINGTON ST***	***SSE 0 - 1/8 (0.102 mi.)***	***B11***	***77***
ROSEVILLE CORPORATIO Reg Id: 310134:	***100 CORPORATION YARD***	***WNW 1/8 - 1/4 (0.225 mi.)***	***E18***	***115***
PLACER CO FAIR Reg Id: 310258:	***800 ALL AMERICAN BLV***	***WNW 1/4 - 1/2 (0.252 mi.)***	***E22***	***135***
CAIRNY PROPERTY Reg Id: 310245:	***412 LINCOLN ST***	***SSE 1/4 - 1/2 (0.303 mi.)***	***G25***	***152***
TRIANGLE MARKET Reg Id: 310268:	***200 ATLANTIC AVE***	***SE 1/4 - 1/2 (0.449 mi.)***	***I31***	***193***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIERRA VIEW COUNTRY Reg Id: 310170:	***105 ALTA VISTA DR***	***NNW 0 - 1/8 (0.112 mi.)***	***C13***	***94***
PLACER CO CORPORATIO Reg Id: 310334:	***200 CORPORATION YARD***	***WNW 1/4 - 1/2 (0.402 mi.)***	***30***	***185***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: 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.

An online review and analysis by KIMLEY HORN & ASSOCIATES, INC. of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIRA PETROLEUM	510 WASHINGTON BLVD	SSE 0 - 1/8 (0.102 mi.)	B10	77

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name	Database(s)
ROSEVILLE DRUMS	SEMS-ARCHIVE
UNION PACIFIC RAILROAD-ROSEVILLE R	CPS-SLIC
SPENCE/VERMILLION TIRE FIRE	ENVIROSTOR

OVERVIEW MAP - 5642154.2S



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:	Washington Blvd At All America City Blvd Rndabt	CLIENT:	Kimley Horn & Associates, Inc.
ADDRESS:	Washington Blvd/All America City Blvd/Lincoln St Roseville CA 95678	CONTACT:	Casey Schooner
LAT/LONG:	38.757188 / 121.288591	INQUIRY #:	5642154.2s
		DATE:	May 14, 2019 2:12 pm

Copyright © 2019 EDR, Inc. © 2015 TomTom Rel. 2015.

DETAIL MAP - 5642154.2S



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:	Washington Blvd At All America City Blvd Rndabt	CLIENT:	Kimley Horn & Associates, Inc.
ADDRESS:	Washington Blvd/All America City Blvd/Lincoln St Roseville CA 95678	CONTACT:	Casey Schooner
LAT/LONG:	38.757188 / 121.288591	INQUIRY #:	5642154.2s
		DATE:	May 14, 2019 2:17 pm

Copyright © 2019 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								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	2	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	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 CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	1	NR	1
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	1	7	NR	8
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		2	1	10	NR	NR	13

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		1	0	2	NR	NR	3
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	0	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
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	1	NR	1
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		3	2	NR	NR	NR	5
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		2	2	NR	NR	NR	4
HIST UST	0.250		4	2	NR	NR	NR	6
CA FID UST	0.250		2	1	NR	NR	NR	3
CERS TANKS	0.250		1	0	NR	NR	NR	1
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
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	0.001		0	NR	NR	NR	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	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		1	NR	NR	NR	NR	1
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
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	3	NR	NR	3
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		2	1	4	NR	NR	7
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
CA PLACER CO. MS	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	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		1	NR	NR	NR	NR	1
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	20	9	22	9	0	60

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
< 1/8
1 ft.

STORAGE DIRECT @ ROSEVILLE
798 WASHINGTON BLVD
ROSEVILLE, CA 95678

FINDS **1023273390**
N/A

Relative:
Higher

Actual:
160 ft.

FINDS:

Registry ID: 110065635138

Environmental Interest/Information System
STATE MASTER

2
North
< 1/8
0.005 mi.
25 ft.

SOUTHERN PACIFIC PIPELINES- ROSEVILLE STATION
PACIFIC AND SUNSET
ROSEVILLE, CA

CPS-SLIC **S106842898**
N/A

Relative:
Higher

Actual:
163 ft.

Client Plot

SLIC REG 5:

Region:	5
Facility Status:	Not reported
Unit:	Facility is a Spill or site
Pollutant:	Not reported
Lead Agency:	Not reported
Date Filed:	/ /
Report Date:	/ /
Date Added:	Not reported
Date Closed:	Not reported

A3
West
< 1/8
0.093 mi.
489 ft.

PLACER COUNTY FAIR ASSOCIATION
800 ALL AMERICA CITY BLVD
ROSEVILLE, CA 95678

Site 1 of 4 in cluster A

CIWQS **U001613850**
HIST UST **N/A**
HAZNET
NPDES

Relative:
Higher

Actual:
163 ft.

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000056336
Facility Type:	Other
Other Type:	FAIRGROUNDS
Contact Name:	RUBEN MARTINEZ, SECRETARY-MANA
Telephone:	9167862023
Owner Name:	PLACER COUNTY FAIR ASSOCIATION
Owner Address:	800 ALL AMERICA CITY BOULEVARD
Owner City,St,Zip:	ROSEVILLE, CA 95678
Total Tanks:	0002
Tank Num:	001
Container Num:	#1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

PLACER COUNTY FAIR ASSOCIATION (Continued) **U001613850**

Tank Num: 002
Container Num: #2
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

HAZNET:
Site Name: COUNTY OF PLACER
Year: 2017
GEPAID: CAC002920306
Contact: ERIC FINDLAY
Telephone: 5308864944
Mailing Name: Not reported
Mailing Address: 11476 C AVENUE
Mailing City,St,Zip: AUBURN, CA 95603
Gen County: Placer
TSD EPA ID: CAD982042475
TSD County: Solano
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.23
Cat Decode: Asbestos containing waste
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Placer

NPDES:
Facility Status: Terminated
NPDES Number: CAS000002
Region: 5S
Agency Number: 0
Regulatory Measure ID: 490462
Place ID: Not reported
Order Number: 2009-0009-DWQ
WDID: 5S31C381019
Regulatory Measure Type: Enrollee
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 09/08/2017
Termination Date Of Regulatory Measure: 07/17/2018
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 2204 Plaza Drive Suite 110
Discharge Name: Placer Valley Tourism
Discharge City: Rocklin
Discharge State: California
Discharge Zip: 95765
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported

PLACER COUNTY FAIR ASSOCIATION (Continued) **U001613850**

Operator Zip: Not reported

NPDES as of 03/2018:
NPDES Number: CAS000002
Status: Active
Agency Number: 0
Region: 5S
Regulatory Measure ID: 490462
Order Number: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 5S31C381019
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 09/08/2017
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Placer Valley Tourism
Discharge Address: 2204 Plaza Drive Suite 110
Discharge City: Rocklin
Discharge State: California
Discharge Zip: 95765
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

PLACER COUNTY FAIR ASSOCIATION (Continued) **U001613850**

Constype Commertial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Not reported
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: Not reported
Receiving Water Name: Not reported
Certifier: Not reported
Certifier Title: Not reported
Certification Date: Not reported
Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

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: 5S31C381019
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Terminated
Status Date: 07/26/2018
Operator Name: Placer Valley Tourism
Operator Address: 2204 Plaza Drive Suite 110
Operator City: Rocklin
Operator State: California
Operator Zip: 95765

NPDES as of 03/2018:
NPDES Number: CAS000002
Status: Active
Agency Number: 0
Region: 5S
Regulatory Measure ID: 490462
Order Number: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported

PLACER COUNTY FAIR ASSOCIATION (Continued) **U001613850**

WDID: 5S31C381019
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 09/08/2017
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Placer Valley Tourism
Discharge Address: 2204 Plaza Drive Suite 110
Discharge City: Rocklin
Discharge State: California
Discharge Zip: 95765
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

PLACER COUNTY FAIR ASSOCIATION (Continued) **U001613850**

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:
Agency: Placer Valley Tourism
Agency Address: 2204 Plaza Drive Suite 110, Rocklin, CA 95765
Place/Project Type: Construction
SIC/NAICS: Not reported
Region: 5S
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 5S31C381019
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 09/08/2017
Termination Date: 07/17/2018
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: 38.75759
Longitude: -121.29048

A4 **PLACER COUNTY FAIR ASSOCIATION** **HAZNET** **S113057772**
West **800 ALL AMERICA CITY BOULEVARD** **HIST UST** **N/A**
< 1/8 **ROSEVILLE, CA 95678**
0.093 mi.
489 ft. **Site 2 of 4 in cluster A**

Relative:
Higher

Actual:
163 ft.

HIST UST:
File Number: 0001F312
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F312.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

PLACER COUNTY FAIR ASSOCIATION (Continued) **S113057772**

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HAZNET:
Site Name: PLACER COUNTY FAIR
Year: 2009
GEPAID: CAL000094356
Contact: RICK POPPERT
Telephone: 9167827904
Mailing Name: Not reported
Mailing Address: 800 ALL AMERICA CITY BLVD
Mailing City,St,Zip: ROSEVILLE, CA 956781564
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.374
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Placer

A5 **PLACER COUNTY FAIR AND EVENTS CENTER** **CERS** **S121745212**
West **800 ALL AMERICA CITY BLVD** **CERS HAZ WASTE** **N/A**
< 1/8 **ROSEVILLE, CA 95678**
0.093 mi.
489 ft. **Site 3 of 4 in cluster A**

Relative:
Higher

Actual:
163 ft.

CERS HAZ WASTE:
Site ID: 144010
CERS ID: 10500733
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 144010
Site Name: Placer County Fair and Events Center
Violation Date: 04-05-2017
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 04/25/2017. Submit copy of used oil disposal receipt or show same upon reinspection.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

PLACER COUNTY FAIR AND EVENTS CENTER (Continued) **S121745212**

Site ID: 144010
Site Name: Placer County Fair and Events Center
Violation Date: 04-01-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/18/2017. Label drum as to content or EMPTY.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 144010
Site Name: Placer County Fair and Events Center
Violation Date: 03-25-2015
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: Returned to compliance on 04/30/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 144010
Site Name: Placer County Fair and Events Center
Violation Date: 03-25-2015
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/30/2015.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-31-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2016

PLACER COUNTY FAIR AND EVENTS CENTER (Continued) **S121745212**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-05-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-05-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-29-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 144010
Facility Name: Placer County Fair and Events Center
Env Int Type Code: HWG
Program ID: 10500733

PLACER COUNTY FAIR AND EVENTS CENTER (Continued) **S121745212**

Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 38.756940
Longitude: -121.289890

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Kim Brown
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: @The Grounds
Entity Title: Not reported
Affiliation Address: 800 All America City Blvd.
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 786-2023

Affiliation Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title: Not reported
Affiliation Address: 316 Vernon Street Suite #480
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 774-5800

Affiliation Type Desc: Identification Signer
Entity Name: Kim Brown
Entity Title: Officer Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Bill McAnally Racing Promotions - Speedway & Pits only
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) 676-0010

Affiliation Type Desc: Parent Corporation

PLACER COUNTY FAIR AND EVENTS CENTER (Continued) **S121745212**

Entity Name: Placer County Fair and Events Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Kim Brown
Entity Title: Not reported
Affiliation Address: 900 Riverside Avenue
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 757-4834

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 800 All America City Blvd.
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: Not reported

CERS TANKS:
Site ID: 144010
CERS ID: 10500733
Site Name: PLACER COUNTY FAIR AND EVENTS CENTER
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 144010
Site Name: Placer County Fair and Events Center
Violation Date: 04-05-2017
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 04/25/2017. Submit copy of used oil disposal receipt or show same upon reinspection.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 144010
Site Name: Placer County Fair and Events Center
Violation Date: 04-01-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5,

PLACER COUNTY FAIR AND EVENTS CENTER (Continued) **S121745212**

Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/18/2017. Label drum as to content or EMPTY.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 144010
Site Name: Placer County Fair and Events Center
Violation Date: 03-25-2015
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: Returned to compliance on 04/30/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 144010
Site Name: Placer County Fair and Events Center
Violation Date: 03-25-2015
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 04/30/2015.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-31-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department

PLACER COUNTY FAIR AND EVENTS CENTER (Continued) **S121745212**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-05-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-05-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-29-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 144010
Facility Name: Placer County Fair and Events Center
Env Int Type Code: HWG
Program ID: 10500733
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 38.756940
Longitude: -121.289890

PLACER COUNTY FAIR AND EVENTS CENTER (Continued) **S121745212**

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Kim Brown
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: @The Grounds
Entity Title: Not reported
Affiliation Address: 800 All America City Blvd.
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 786-2023

Affiliation Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title: Not reported
Affiliation Address: 316 Vernon Street Suite #480
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 774-5800

Affiliation Type Desc: Identification Signer
Entity Name: Kim Brown
Entity Title: Officer Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Bill McAnally Racing Promotions - Speedway & Pits only
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) 676-0010

Affiliation Type Desc: Parent Corporation
Entity Name: Placer County Fair and Events Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

PLACER COUNTY FAIR AND EVENTS CENTER (Continued) **S121745212**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Kim Brown
Entity Title: Not reported
Affiliation Address: 900 Riverside Avenue
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 757-4834

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 800 All America City Blvd.
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: Not reported

A6 **PLACER COUNTY FAIR ASSOCIATION** **SWEEPS UST** **S101628004**
West **800 ALL AMERICA CITY BLVD** **CA FID UST** **N/A**
< 1/8 **ROSEVILLE, CA 95678**
0.093 mi.
489 ft. **Site 4 of 4 in cluster A**

Relative: **Higher**
Actual: **163 ft.**

SWEEPS UST:
Status: Not reported
Comp Number: 56336
Number: Not reported
Board Of Equalization: 44-017384
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 31-015-056336-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 2

Status: Not reported
Comp Number: 56336
Number: Not reported
Board Of Equalization: 44-017384
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 31-015-056336-000002

PLACER COUNTY FAIR ASSOCIATION (Continued) **S101628004**

Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 31001861
Regulated By: UTNKA
Regulated ID: 00056336
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 9167862023
Mail To: Not reported
Mailing Address: 800 ALL AMERICA CITY BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: ROSEVILLE 95678
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

B7 **HIRA PETROLEUM** **CERS** **S112892080**
SSE **510 WASHINGTON BLVD** **CERS TANKS** **N/A**
< 1/8 **ROSEVILLE, CA 95678** **HAZNET**
0.102 mi. **CERS HAZ WASTE**
537 ft. **Site 1 of 6 in cluster B**

Relative: Higher
Actual: 163 ft.

CERS HAZ WASTE:
Site ID: 394766
CERS ID: 10629643
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-03-2017
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 02/03/2017. Initially the monthly inspection reports were not on site... I returned later in the day and they had been dropped off.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code,

HIRA PETROLEUM (Continued) **S112892080**

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 04/11/2018. Failure to properly identify a financial mechanism
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection 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(f)(2).
Violation Notes: Returned to compliance on 04/11/2018. December 2017 and January 2018 reports do not have site address or date
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766

HIRA PETROLEUM (Continued) **S112892080**

Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 04/11/2018. Submit current Certification Of Financial Responsibility
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-03-2017
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 03/03/2017.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 05/02/2018. Submit current Letter from CFO
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
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: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766

HIRA PETROLEUM (Continued) **S112892080**

Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Description: Failure to implement or maintain a written agreement between the UST owner and operator.
Violation Notes: Returned to compliance on 05/02/2018. Have tank Owner sign O/O written agreement
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 04/11/2018. Provide February 2018 DO Report
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-18-2014
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description: Failure to report program data electronically.
Violation Notes: Returned to compliance on 06/01/2015. Need to submit business plan, site map, employee training records and tank information into CERS
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)
Violation Description: Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes: Returned to compliance on 04/11/2018. Provide the last secondary test report
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to

HIRA PETROLEUM (Continued) **S112892080**

install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.

Violation Notes: Returned to compliance on 04/11/2018. Remove liquid in 91 spill bucket
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description: Failure to submit a current UST Response Plan available on site.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to 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 04/11/2018. Update multiple phone numbers in Response Plan
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-18-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 04/10/2014.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-18-2014
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained

HIRA PETROLEUM (Continued) **S112892080**

employees on-site or off-site at a readily available location, if approved by the CUPA.
Violation Notes: Returned to compliance on 04/10/2014.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 04/11/2018. Update all 24 federal Hazard classes for each chemical in inventory
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 04/11/2018. Remove liquid in 87 spill bucket
Violation Division: Roseville City Fire Department

HIRA PETROLEUM (Continued) **S112892080**

Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
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 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(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 05/02/2018.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 04/11/2018. Make correction to each tank in CERS
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766

HIRA PETROLEUM (Continued) **S112892080**

Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 04/11/2018. Remove liquid in Diesel spill bucket
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-03-2017
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 02/03/2017. 87 Octane sump sensor was not functioning properly... technician replaced during inspection - tested and passed.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description: Failure to report program data electronically.
Violation Notes: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum

HIRA PETROLEUM (Continued) **S112892080**

Violation Date: 04-06-2016
Citation: 23 CCR 16 2644.1(a)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(4)
Violation Description: Failure to notify the CUPA the prescribed number of hours prior to testing.
Violation Notes: Returned to compliance on 04/06/2016. The Monitoring Company did not notify the CUPA of the annual on-site monitoring system certification that occurred on 2/15/2106
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

HIRA PETROLEUM (Continued) **S112892080**

Eval General Type: Other/Unknown
Eval Date: 05-05-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-Inspection - verified that NFPA 704 Placard and "No Smoking" signs were added to the Healy Tank adjacent to the store.
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-11-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018

HIRA PETROLEUM (Continued) **S112892080**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-11-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

HIRA PETROLEUM (Continued) **S112892080**

Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-11-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 394766
Facility Name: Hira Petroleum
Env Int Type Code: HMBP
Program ID: 10629643
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 38.754550
Longitude: -121.287540

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: santokh
Entity Title: Not reported
Affiliation Address: 510 Washington Blvd
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 781-8026

Affiliation Type Desc: UST Tank Operator
Entity Name: RIVER CITY PETROLEUM
Entity Title: Not reported
Affiliation Address: 840 Delta lane
Affiliation City: west sacramento
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95691
Affiliation Phone: (916) 371-4960

Affiliation Type Desc: UST Tank Owner
Entity Name: RIVER CITY PETROLEUM
Entity Title: Not reported
Affiliation Address: 840 Delta lane
Affiliation City: west Sacramento
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95691
Affiliation Phone: (916) 371-4960

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address

HIRA PETROLEUM (Continued) **S112892080**

Entity Title: Not reported
Affiliation Address: 510 Washington blvd
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title: Not reported
Affiliation Address: 316 Vernon Street Suite #480
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 774-5800

Affiliation Type Desc: Legal Owner
Entity Name: Santokh Hira
Entity Title: Not reported
Affiliation Address: 510 washington blvd
Affiliation City: roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 517-0793

Affiliation Type Desc: Operator
Entity Name: Santokh Hira
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) 517-0793

Affiliation Type Desc: Document Preparer
Entity Name: Santokh Hira
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Santokh Hira
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: Not reported

HIRA PETROLEUM (Continued) **S112892080**

Affiliation Type Desc: Parent Corporation
Entity Name: Hira Petroleum
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Permit Applicant
Entity Name: Santokh Hira
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: (916) 517-0793

Affiliation Type Desc: UST Property Owner Name
Entity Name: Santokh
Entity Title: Not reported
Affiliation Address: 510 washington blvd
Affiliation City: roseville
Affiliation State: ca
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 781-8026

Site ID: 394766
CERS ID: 10629643
CERS Description: RCRA LQ HW Generator

Violations:
Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-03-2017
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 02/03/2017. Initially the monthly inspection reports were not on site... I returned later in the day and they had been dropped off.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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.

HIRA PETROLEUM (Continued) **S112892080**

Violation Notes: Returned to compliance on 04/11/2018. Failure to properly identify a financial mechanism
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection 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(f)(2).
Violation Notes: Returned to compliance on 04/11/2018. December 2017 and January 2018 reports do not have site address or date
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code,

HIRA PETROLEUM (Continued) **S112892080**

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 04/11/2018. Submit current Certification Of Financial Responsibility
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-03-2017
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 03/03/2017.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 05/02/2018. Submit current Letter from CFO
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
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: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code,

HIRA PETROLEUM (Continued) **S112892080**

Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Description: Failure to implement or maintain a written agreement between the UST owner and operator.
Violation Notes: Returned to compliance on 05/02/2018. Have tank Owner sign O/O written agreement
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 04/11/2018. Provide February 2018 DO Report
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-18-2014
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description: Failure to report program data electronically.
Violation Notes: Returned to compliance on 06/01/2015. Need to submit business plan, site map, employee training records and tank information into CERS
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)
Violation Description: Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes: Returned to compliance on 04/11/2018. Provide the last secondary test report
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill

HIRA PETROLEUM (Continued) **S112892080**

container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 04/11/2018. Remove liquid in 91 spill bucket
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description: Failure to submit a current UST Response Plan available on site.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to 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 04/11/2018. Update multiple phone numbers in Response Plan
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-18-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 04/10/2014.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-18-2014
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.
Violation Notes: Returned to compliance on 04/10/2014.

HIRA PETROLEUM (Continued) **S112892080**

Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 04/11/2018. Update all 24 federal Hazard classes for each chemical in inventory
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 04/11/2018. Remove liquid in 87 spill bucket
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

HIRA PETROLEUM (Continued) **S112892080**

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
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 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(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 05/02/2018.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 04/11/2018. Make correction to each tank in CERS
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22,

HIRA PETROLEUM (Continued) **S112892080**

Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 04/11/2018. Remove liquid in Diesel spill bucket
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-03-2017
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 02/03/2017. 87 Octane sump sensor was not functioning properly... technician replaced during inspection - tested and passed.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description: Failure to report program data electronically.
Violation Notes: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 04-06-2016
Citation: 23 CCR 16 2644.1(a)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(4)

HIRA PETROLEUM (Continued) **S112892080**

Violation Description: Failure to notify the CUPA the prescribed number of hours prior to testing.
Violation Notes: Returned to compliance on 04/06/2016. The Monitoring Company did not notify the CUPA of the annual on-site monitoring system certification that occurred on 2/15/2106
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-05-2016

HIRA PETROLEUM (Continued) **S112892080**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-Inspection - verified that NFPA 704 Placard and "No Smoking" signs were added to the Healy Tank adjacent to the store.
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-11-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency

HIRA PETROLEUM (Continued) **S112892080**

Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-11-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST

HIRA PETROLEUM (Continued) **S112892080**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-11-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 394766
Facility Name: Hira Petroleum
Env Int Type Code: HMBP
Program ID: 10629643
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 38.754550
Longitude: -121.287540

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: santokh
Entity Title: Not reported
Affiliation Address: 510 Washington Blvd
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 781-8026

Affiliation Type Desc: UST Tank Operator
Entity Name: RIVER CITY PETROLEUM
Entity Title: Not reported
Affiliation Address: 840 Delta lane
Affiliation City: west sacramento
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95691
Affiliation Phone: (916) 371-4960

Affiliation Type Desc: UST Tank Owner
Entity Name: RIVER CITY PETROLEUM
Entity Title: Not reported
Affiliation Address: 840 Delta lane
Affiliation City: west Sacramento
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95691
Affiliation Phone: (916) 371-4960

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 510 Washington blvd

HIRA PETROLEUM (Continued) **S112892080**

Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title: Not reported
Affiliation Address: 316 Vernon Street Suite #480
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 774-5800

Affiliation Type Desc: Legal Owner
Entity Name: Santokh Hira
Entity Title: Not reported
Affiliation Address: 510 washington blvd
Affiliation City: roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 517-0793

Affiliation Type Desc: Operator
Entity Name: Santokh Hira
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) 517-0793

Affiliation Type Desc: Document Preparer
Entity Name: Santokh Hira
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Santokh Hira
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: Not reported

Affiliation Type Desc: Parent Corporation

HIRA PETROLEUM (Continued) **S112892080**

Entity Name: Hira Petroleum
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Permit Applicant
Entity Name: Santokh Hira
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: (916) 517-0793

Affiliation Type Desc: UST Property Owner Name
Entity Name: Santokh
Entity Title: Not reported
Affiliation Address: 510 washington blvd
Affiliation City: roseville
Affiliation State: ca
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 781-8026

CERS TANKS:
Site ID: 394766
CERS ID: 10629643
CERS Description: Underground Storage Tank

Violations:
Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-03-2017
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 02/03/2017. Initially the monthly inspection reports were not on site... I returned later in the day and they had been dropped off.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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

HIRA PETROLEUM (Continued) **S112892080**

Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 04/11/2018. Failure to properly identify a financial mechanism
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection 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(f)(2).
Violation Notes: Returned to compliance on 04/11/2018. December 2017 and January 2018 reports do not have site address or date
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018

HIRA PETROLEUM (Continued) **S112892080**

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 04/11/2018. Submit current Certification Of Financial Responsibility
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-03-2017
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 03/03/2017.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 05/02/2018. Submit current Letter from CFO
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
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: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018

HIRA PETROLEUM (Continued) **S112892080**

Citation: HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Description: Failure to implement or maintain a written agreement between the UST owner and operator.
Violation Notes: Returned to compliance on 05/02/2018. Have tank Owner sign O/O written agreement
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 04/11/2018. Provide February 2018 DO Report
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-18-2014
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description: Failure to report program data electronically.
Violation Notes: Returned to compliance on 06/01/2015. Need to submit business plan, site map, employee training records and tank information into CERS
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)
Violation Description: Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes: Returned to compliance on 04/11/2018. Provide the last secondary test report
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other

HIRA PETROLEUM (Continued) **S112892080**

method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 04/11/2018. Remove liquid in 91 spill bucket
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description: Failure to submit a current UST Response Plan available on site.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to 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 04/11/2018. Update multiple phone numbers in Response Plan
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-18-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 04/10/2014.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-18-2014
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.

HIRA PETROLEUM (Continued) **S112892080**

Violation Notes: Returned to compliance on 04/10/2014.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 04/11/2018. Update all 24 federal Hazard classes for each chemical in inventory
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 04/11/2018. Remove liquid in 87 spill bucket
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

HIRA PETROLEUM (Continued) **S112892080**

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
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 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(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 05/02/2018.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 04/11/2018. Make correction to each tank in CERS
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22,

HIRA PETROLEUM (Continued) **S112892080**

Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 04/11/2018. Remove liquid in Diesel spill bucket
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-03-2017
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 02/03/2017. 87 Octane sump sensor was not functioning properly... technician replaced during inspection - tested and passed.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description: Failure to report program data electronically.
Violation Notes: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 04-06-2016
Citation: 23 CCR 16 2644.1(a)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(4)

HIRA PETROLEUM (Continued) **S112892080**

Violation Description: Failure to notify the CUPA the prescribed number of hours prior to testing.
Violation Notes: Returned to compliance on 04/06/2016. The Monitoring Company did not notify the CUPA of the annual on-site monitoring system certification that occurred on 2/15/2106
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-05-2016

HIRA PETROLEUM (Continued) **S112892080**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-Inspection - verified that NFPA 704 Placard and "No Smoking" signs were added to the Healy Tank adjacent to the store.
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-11-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency

HIRA PETROLEUM (Continued) **S112892080**

Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-11-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST

HIRA PETROLEUM (Continued) **S112892080**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-11-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 394766
Facility Name: Hira Petroleum
Env Int Type Code: HMBP
Program ID: 10629643
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 38.754550
Longitude: -121.287540

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: santokh
Entity Title: Not reported
Affiliation Address: 510 Washington Blvd
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 781-8026

Affiliation Type Desc: UST Tank Operator
Entity Name: RIVER CITY PETROLEUM
Entity Title: Not reported
Affiliation Address: 840 Delta lane
Affiliation City: west sacramento
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95691
Affiliation Phone: (916) 371-4960

Affiliation Type Desc: UST Tank Owner
Entity Name: RIVER CITY PETROLEUM
Entity Title: Not reported
Affiliation Address: 840 Delta lane
Affiliation City: west Sacramento
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95691
Affiliation Phone: (916) 371-4960

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 510 Washington blvd

HIRA PETROLEUM (Continued) **S112892080**

Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title: Not reported
Affiliation Address: 316 Vernon Street Suite #480
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 774-5800

Affiliation Type Desc: Legal Owner
Entity Name: Santokh Hira
Entity Title: Not reported
Affiliation Address: 510 washington blvd
Affiliation City: roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 517-0793

Affiliation Type Desc: Operator
Entity Name: Santokh Hira
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) 517-0793

Affiliation Type Desc: Document Preparer
Entity Name: Santokh Hira
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Santokh Hira
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: Not reported

Affiliation Type Desc: Parent Corporation

HIRA PETROLEUM (Continued) **S112892080**

Entity Name: Hira Petroleum
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Permit Applicant
Entity Name: Santokh Hira
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: (916) 517-0793

Affiliation Type Desc: UST Property Owner Name
Entity Name: Santokh
Entity Title: Not reported
Affiliation Address: 510 washington blvd
Affiliation City: roseville
Affiliation State: ca
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 781-8026

HAZNET:
Site Name: HIRA PETROLEUM
Year: 2000
GEPAID: CAC001443224
Contact: SUNNY HIRA
Telephone: 9167818026
Mailing Name: Not reported
Mailing Address: 510 WASHINGTON BLVD
Mailing City,St,Zip: ROSEVILLE, CA 956780000
Gen County: Not reported
TSD EPA ID: CAD044003556
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 0.2
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Placer

CERS TANKS:
Site ID: 394766
CERS ID: 10629643
Site Name: HIRA PETROLEUM
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 394766

HIRA PETROLEUM (Continued) **S112892080**

Site Name: Hira Petroleum
Violation Date: 02-03-2017
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 02/03/2017. Initially the monthly inspection reports were not on site... I returned later in the day and they had been dropped off.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 04/11/2018. Failure to properly identify a financial mechanism
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection 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(f)(2).
Violation Notes: Returned to compliance on 04/11/2018. December 2017 and January 2018

HIRA PETROLEUM (Continued) **S112892080**

reports do not have site address or date
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 04/11/2018. Submit current Certification Of Financial Responsibility
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-03-2017
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 03/03/2017.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 05/02/2018. Submit current Letter from CFO

HIRA PETROLEUM (Continued) **S112892080**

Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
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: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Description: Failure to implement or maintain a written agreement between the UST owner and operator.
Violation Notes: Returned to compliance on 05/02/2018. Have tank Owner sign O/O written agreement
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 04/11/2018. Provide February 2018 DO Report
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-18-2014
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description: Failure to report program data electronically.
Violation Notes: Returned to compliance on 06/01/2015. Need to submit business plan, site map, employee training records and tank information into CERS
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum

HIRA PETROLEUM (Continued) **S112892080**

Violation Date: 03-14-2018
Citation: HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)
Violation Description: Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes: Returned to compliance on 04/11/2018. Provide the last secondary test report
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 04/11/2018. Remove liquid in 91 spill bucket
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description: Failure to submit a current UST Response Plan available on site.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to 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 04/11/2018. Update multiple phone numbers in Response Plan
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-18-2014
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22,

HIRA PETROLEUM (Continued) **S112892080**

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 04/10/2014.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-18-2014
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description: The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.
Violation Notes: Returned to compliance on 04/10/2014.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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 04/11/2018. Update all 24 federal Hazard classes for each chemical in inventory
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
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: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)

HIRA PETROLEUM (Continued) **S112892080**

Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 04/11/2018. Remove liquid in 87 spill bucket
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
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 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(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).

HIRA PETROLEUM (Continued) **S112892080**

Violation Notes: Returned to compliance on 05/02/2018.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 04/11/2018. Make correction to each tank in CERS
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 04/11/2018.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 03-14-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 04/11/2018. Remove liquid in Diesel spill bucket
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-03-2017
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 02/03/2017. 87 Octane sump sensor was not functioning properly... technician replaced during inspection - tested

HIRA PETROLEUM (Continued) **S112892080**

and passed.
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 02-09-2015
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description: Failure to report program data electronically.
Violation Notes: Returned to compliance on 06/01/2015.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394766
Site Name: Hira Petroleum
Violation Date: 04-06-2016
Citation: 23 CCR 16 2644.1(a)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(4)
Violation Description: Failure to notify the CUPA the prescribed number of hours prior to testing.
Violation Notes: Returned to compliance on 04/06/2016. The Monitoring Company did not notify the CUPA of the annual on-site monitoring system certification that occurred on 2/15/2106
Violation Division: Roseville City Fire Department
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

HIRA PETROLEUM (Continued) **S112892080**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-05-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-Inspection - verified that NFPA 704 Placard and "No Smoking" signs were added to the Healy Tank adjacent to the store.
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-11-2018

HIRA PETROLEUM (Continued) **S112892080**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-11-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

HIRA PETROLEUM (Continued) **S112892080**

Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-11-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 394766
Facility Name: Hira Petroleum
Env Int Type Code: HMBP
Program ID: 10629643
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 38.754550
Longitude: -121.287540

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: santokh
Entity Title: Not reported
Affiliation Address: 510 Washington Blvd
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 781-8026

Affiliation Type Desc: UST Tank Operator
Entity Name: RIVER CITY PETROLEUM
Entity Title: Not reported
Affiliation Address: 840 Delta lane

HIRA PETROLEUM (Continued) **S112892080**

Affiliation City: west sacramento
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95691
Affiliation Phone: (916) 371-4960

Affiliation Type Desc: UST Tank Owner
Entity Name: RIVER CITY PETROLEUM
Entity Title: Not reported
Affiliation Address: 840 Delta lane
Affiliation City: west Sacramento
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95691
Affiliation Phone: (916) 371-4960

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 510 Washington blvd
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title: Not reported
Affiliation Address: 316 Vernon Street Suite #480
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 774-5800

Affiliation Type Desc: Legal Owner
Entity Name: Santokh Hira
Entity Title: Not reported
Affiliation Address: 510 washington blvd
Affiliation City: roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 517-0793

Affiliation Type Desc: Operator
Entity Name: Santokh Hira
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) 517-0793

Affiliation Type Desc: Document Preparer

HIRA PETROLEUM (Continued) **S112892080**

Entity Name: Santokh Hira
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Santokh Hira
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: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Hira Petroleum
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST Permit Applicant
Entity Name: Santokh Hira
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: (916) 517-0793

Affiliation Type Desc: UST Property Owner Name
Entity Name: Santokh
Entity Title: Not reported
Affiliation Address: 510 washington blvd
Affiliation City: roseville
Affiliation State: ca
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 781-8026

B8 **FAST GAS** **HIST UST** **U001613826**
SSE **510 WASHINGTON BLVD** **N/A**
< 1/8 **ROSEVILLE, CA 95678**
0.102 mi.
537 ft. **Site 2 of 6 in cluster B**

Relative: **Higher**
Actual: **163 ft.**

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000014288
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	9167869958
Owner Name:	KAYO OIL COMPANY
Owner Address:	1221 E MAIN STREET
Owner City,St,Zip:	CHATTANOOGA, TN 37408
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1962
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	2
Year Installed:	1962
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	003
Container Num:	3
Year Installed:	1962
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test

B9 **HIRA'S BP** **UST** **U003971007**
SSE **510 WASHINGTON BLVD.** **N/A**
< 1/8 **ROSEVILLE, CA 95678**
0.102 mi.
537 ft. **Site 3 of 6 in cluster B**

Relative: **Higher**
Actual: **163 ft.**

UST:

Facility ID:	Not reported
Permitting Agency:	Roseville City Fire Department
Latitude:	38.75455
Longitude:	-121.28754
Facility ID:	31-015-014288

HIRA'S BP (Continued) **U003971007**

Permitting Agency: ROSEVILLE, CITY OF
Latitude: 38.7559077
Longitude: -121.2861091

B10 **HIRA PETROLEUM** **EDR Hist Auto** **1021691543**
SSE **510 WASHINGTON BLVD** **N/A**
< 1/8 **ROSEVILLE, CA 95678**
0.102 mi.
537 ft. **Site 4 of 6 in cluster B**

Relative: EDR Hist Auto:
Higher

Actual: Year: Name: / Type:
163 ft.
1994: RIVER CITY PETROLEUM INC / Gasoline Service Stations
1995: RIVER CITY PETROLEUM INC / Gasoline Service Stations
1998: HIRA PETROLEUM / Gasoline Service Stations
1999: HIRA PETROLEUM / Gasoline Service Stations
2000: HIRA PETROLEUM / Gasoline Service Stations
2001: HIRA PETROLEUM / Gasoline Service Stations
2002: HIRA PETROLEUM / Gasoline Service Stations
2003: HIRA PETROLEUM / Gasoline Service Stations
2004: HIRA PETROLEUM / Gasoline Service Stations
2005: HIRA PETROLEUM / Gasoline Service Stations
2006: HIRA PETROLEUM / Gasoline Service Stations
2007: HIRA PETROLEUM / Gasoline Service Stations
2008: HIRA PETROLEUM / Gasoline Service Stations
2009: HIRA PETROLEUM / Gasoline Service Stations
2010: HIRA PETROLEUM / Gasoline Service Stations
2011: HIRA PETROLEUM / Gasoline Service Stations
2012: HIRA PETROLEUM / Gasoline Service Stations

B11 **A MART** **CERS** **S101300288**
SSE **510 WASHINGTON ST** **LUST** **N/A**
< 1/8 **ROSEVILLE, CA 95698** **HIST CORTESE**
0.102 mi. **HIST UST**
537 ft. **Site 5 of 6 in cluster B**

Relative: LUST:
Higher
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Actual: Case Type: LUST Cleanup Site
163 ft. Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606100111
Global Id: T0606100111
Latitude: 38.75456151
Longitude: -121.287667165
Status: Completed - Case Closed
Status Date: 10/03/2012
Case Worker: PRS
RB Case Number: 310135
Local Agency: ROSEVILLE, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may

A MART (Continued) **S101300288**

consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

LUST:
Global Id: T0606100111
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: psanders@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606100111
Contact Type: Local Agency Caseworker
Contact Name: THOMAS DODARO
Organization Name: ROSEVILLE, CITY OF
Address: 401 OAK STREET
City: ROSEVILLE
Email: tdodaro@roseville.ca.us
Phone Number: Not reported

LUST:
Global Id: T0606100111
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 12/15/2006
Action: Soil and Water Investigation Report

Global Id: T0606100111
Action Type: RESPONSE
Date: 03/27/2007
Action: Risk Assessment Report

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

A MART (Continued) **S101300288**

Global Id: T0606100111
Action Type: RESPONSE
Date: 04/24/2006
Action: Interim Remedial Action Report

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 04/30/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 10/14/2004
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 06/29/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0606100111
Action Type: Other
Date: 08/31/1991
Action: Leak Reported

Global Id: T0606100111
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/25/2006
Action: Sensitive Receptor Survey Report

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 09/15/2006
Action: Other Workplan

Global Id: T0606100111
Action Type: RESPONSE

A MART (Continued) **S101300288**

Date: 12/15/2006
Action: Soil and Water Investigation Report

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 06/14/2004
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 12/30/2008
Action: Staff Letter

Global Id: T0606100111
Action Type: RESPONSE
Date: 08/31/2006
Action: Interim Remedial Action Report

Global Id: T0606100111
Action Type: RESPONSE
Date: 08/31/2006
Action: Other Report / Document

Global Id: T0606100111
Action Type: RESPONSE
Date: 09/15/2006
Action: Public Participation Plan

Global Id: T0606100111
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 07/29/2009
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 10/19/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 07/29/2005
Action: CAP/RAP - Final Remediation / Design Plan

A MART (Continued) **S101300288**

Global Id: T0606100111
Action Type: RESPONSE
Date: 04/24/2006
Action: Interim Remedial Action Report

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 09/13/2002
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 11/26/2002
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 09/28/2004
Action: * Historical Enforcement

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 08/03/2005
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 08/30/2005
Action: * Historical Enforcement

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 12/29/2004
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 04/22/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 06/10/2010
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 03/29/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 07/12/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT

A MART (Continued) **S101300288**

Date: 03/03/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 08/16/2010
Action: Preparation of Record for Appeal/Referral/Petition

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 05/02/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 01/26/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 11/23/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 12/22/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 12/01/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 01/09/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 12/22/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 02/22/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 03/13/2012
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 05/10/2012
Action: Technical Correspondence / Assistance / Other

A MART (Continued) **S101300288**

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 02/15/2013
Action: Rescission of Enforcement Action

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 07/05/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 10/03/2012
Action: Closure/No Further Action Letter

Global Id: T0606100111
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 04/15/2009
Action: Soil and Water Investigation Report

Global Id: T0606100111
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 04/16/2004
Action: Other Workplan

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 09/12/2000
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 04/12/2000
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT

A MART (Continued) **S101300288**

Date: 08/30/2001
Action: Staff Letter

Global Id: T0606100111
Action Type: REMEDIATION
Date: 01/16/2003
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 10/13/2004
Action: * Historical Enforcement

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 10/04/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 12/15/2005
Action: Warning Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 06/23/2005
Action: * Historical Enforcement

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 06/28/2005
Action: Warning Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 09/06/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Other

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/18/2002
Action: Other Workplan

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/15/2010
Action: Risk Assessment Report

A MART (Continued) **S101300288**

Global Id: T0606100111
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 02/01/2011
Action: Risk Assessment Report

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 09/02/2002
Action: File review

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 02/26/2004
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 11/12/2002
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 08/26/2002
Action: Notice to Comply

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 05/12/2006
Action: Verbal Communication

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 10/17/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 03/02/2006
Action: * Verbal Communication

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 03/06/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: REMEDIATION
Date: 07/19/2006
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0606100111
Action Type: REMEDIATION

A MART (Continued) **S101300288**

Date: 08/05/1999
Action: Soil Vapor Extraction (SVE)

Global Id: T0606100111
Action Type: REMEDIATION
Date: 06/17/2004
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/15/2002
Action: Soil and Water Investigation Workplan

Global Id: T0606100111
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 03/17/2003
Action: Soil and Water Investigation Report

Global Id: T0606100111
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 10/25/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 09/14/2006
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 07/21/2006
Action: Clean-up and Abatement Order - #R5-2006-0717

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 02/14/2008
Action: Staff Letter

A MART (Continued) **S101300288**

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 02/02/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 10/26/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 08/04/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 01/31/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 08/14/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 06/22/2009
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 11/22/2010
Action: Clean Up Fund - Letter to RP

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 05/09/2003
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 08/18/2003
Action: * Historical Enforcement

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 12/07/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: RESPONSE

A MART (Continued) **S101300288**

Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 05/21/2004
Action: Other Workplan

Global Id: T0606100111
Action Type: RESPONSE
Date: 08/31/2004
Action: Soil and Water Investigation Report

Global Id: T0606100111
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 12/17/2004
Action: Soil and Water Investigation Workplan

Global Id: T0606100111
Action Type: RESPONSE
Date: 08/31/2004
Action: Interim Remedial Action Report

Global Id: T0606100111
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 05/18/2004
Action: * Historical Enforcement

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 12/16/2003
Action: * Historical Enforcement

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 04/22/2004
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 05/10/2004
Action: Staff Letter

A MART (Continued) **S101300288**

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 02/06/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 04/24/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 10/07/2002
Action: Staff Letter

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 03/22/2001
Action: Staff Letter

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/02/2006
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 04/15/2005
Action: Soil and Water Investigation Report

Global Id: T0606100111
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 07/29/2005
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0606100111
Action Type: RESPONSE
Date: 07/29/2005
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0606100111
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606100111
Action Type: RESPONSE
Date: 09/21/2011
Action: Request for Closure

Global Id: T0606100111
Action Type: RESPONSE

A MART (Continued) **S101300288**

Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0606100111
Action Type: RESPONSE
Date: 06/08/2012
Action: Well Destruction Report

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 01/12/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 02/26/2004
Action: * Historical Enforcement

Global Id: T0606100111
Action Type: ENFORCEMENT
Date: 04/26/2007
Action: Staff Letter

LUST:
Global Id: T0606100111
Status: Completed - Case Closed
Status Date: 10/03/2012

Global Id: T0606100111
Status: Open - Case Begin Date
Status Date: 08/31/1991

Global Id: T0606100111
Status: Open - Remediation
Status Date: 01/16/2003

Global Id: T0606100111
Status: Open - Remediation
Status Date: 02/09/2003

Global Id: T0606100111
Status: Open - Remediation
Status Date: 06/17/2004

Global Id: T0606100111
Status: Open - Remediation
Status Date: 07/25/2005

Global Id: T0606100111
Status: Open - Remediation
Status Date: 07/19/2006

Global Id: T0606100111
Status: Open - Site Assessment
Status Date: 08/31/1991

Global Id: T0606100111

A MART (Continued) **S101300288**

Status: Open - Site Assessment
Status Date: 08/27/1997

Global Id: T0606100111
Status: Open - Site Assessment
Status Date: 12/23/2004

Global Id: T0606100111
Status: Open - Site Assessment
Status Date: 12/14/2006

Global Id: T0606100111
Status: Open - Verification Monitoring
Status Date: 12/22/2008

LUST REG 5:
Region: 5
Status: Preliminary site assessment underway
Case Number: 310135
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: PRS
Lead Agency: Regional
Program: LUST
MTBE Code: 8

HIST UST:
File Number: 0001F291
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F291.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HIST CORTESE:
Region: CORTESE
Facility County Code: 31
Reg By: LTNKA

A MART (Continued) **S101300288**

Reg Id: 310135

CERS TANKS:
Site ID: 247015
CERS ID: T0606100111
Site Name: A MART
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: PAUL SANDERS - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: THOMAS DODARO - ROSEVILLE, CITY OF
Entity Title: Not reported
Affiliation Address: 401 OAK STREET
Affiliation City: ROSEVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

B12 **AMERI MART** **SWEEPS UST** **S101589717**
SSE **510 WASHINGTON ST** **CA FID UST** **N/A**
< 1/8 **ROSEVILLE, CA 95678**
0.102 mi.
537 ft. **Site 6 of 6 in cluster B**

Relative:
Higher

Actual:
163 ft.

SWEEPS UST:
Status: Active
Comp Number: 14288
Number: 1
Board Of Equalization: Not reported
Referral Date: 01-11-90
Action Date: 01-11-90
Created Date: 02-29-88
Owner Tank Id: A113-1
SWRCB Tank Id: 31-015-014288-000001
Tank Status: A
Capacity: 10000
Active Date: 01-11-90
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 3

Status: Active
Comp Number: 14288
Number: 1
Board Of Equalization: Not reported

AMERI MART (Continued) **S101589717**

Referral Date: 01-11-90
Action Date: 01-11-90
Created Date: 02-29-88
Owner Tank Id: A113-2
SWRCB Tank Id: 31-015-014288-000002
Tank Status: A
Capacity: 10000
Active Date: 01-11-90
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 14288
Number: 1
Board Of Equalization: Not reported
Referral Date: 01-11-90
Action Date: 01-11-90
Created Date: 02-29-88
Owner Tank Id: A113-3
SWRCB Tank Id: 31-015-014288-000003
Tank Status: A
Capacity: 7500
Active Date: 01-11-90
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 31000113
Regulated By: UTNKA
Regulated ID: 00014288
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 9167818026
Mail To: Not reported
Mailing Address: 840 DELTA LN
Mailing Address 2: Not reported
Mailing City,St,Zip: ROSEVILLE 95678
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

C13 **SIERRA VIEW COUNTRY CLUB** **CERS** **S104163547**
NNW **105 ALTA VISTA DR** **LUST** **N/A**
< 1/8 **ROSEVILLE, CA 95678** **EMI**
0.112 mi. **HIST CORTESE**
594 ft. **Site 1 of 2 in cluster C**

Relative:
Lower

Actual:
156 ft.

LUST:
Lead Agency: ROSEVILLE, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606100139
Global Id: T0606100139
Latitude: 38.7587136
Longitude: -121.2884625
Status: Completed - Case Closed
Status Date: 05/07/1992
Case Worker: Not reported
RB Case Number: 310170
Local Agency: ROSEVILLE, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0606100139
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: psanders@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606100139
Contact Type: Local Agency Caseworker
Contact Name: THOMAS DODARO
Organization Name: ROSEVILLE, CITY OF
Address: 401 OAK STREET
City: ROSEVILLE
Email: tdodaro@roseville.ca.us
Phone Number: Not reported

LUST:
Global Id: T0606100139
Action Type: Other
Date: 05/07/1992
Action: Leak Reported

Global Id: T0606100139
Action Type: ENFORCEMENT
Date: 04/29/1992
Action: Other Report - #4/29/1992

Global Id: T0606100139
Action Type: ENFORCEMENT
Date: 04/02/1992
Action: Other Report - #4/2/1992

SIERRA VIEW COUNTRY CLUB (Continued) **S104163547**

Global Id: T0606100139
Action Type: ENFORCEMENT
Date: 03/06/1992
Action: Other Report - #3/6/1992

Global Id: T0606100139
Action Type: ENFORCEMENT
Date: 05/07/1992
Action: Staff Letter - #5/7/1992

Global Id: T0606100139
Action Type: ENFORCEMENT
Date: 05/07/1992
Action: Unauthorized Release Form - #5/7/1992

Global Id: T0606100139
Action Type: Other
Date: 04/17/1992
Action: Leak Discovery

LUST:
Global Id: T0606100139
Status: Completed - Case Closed
Status Date: 05/07/1992

Global Id: T0606100139
Status: Open - Case Begin Date
Status Date: 04/17/1992

LUST REG 5:
Region: 5
Status: Case Closed
Case Number: 310170
Case Type: Soil only
Substance: GASOLINE
Staff Initials: PRS
Lead Agency: Local
Program: LUST
MTBE Code: N/A

EMI:
Year: 2008
County Code: 31
Air Basin: SV
Facility ID: 837
Air District Name: PLA
SIC Code: 7997
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .0037734
Reactive Organic Gases Tons/Yr: .00375943842
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

SIERRA VIEW COUNTRY CLUB (Continued) **S104163547**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2009
County Code: 31
Air Basin: SV
Facility ID: 837
Air District Name: PLA
SIC Code: 7997
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.0019
Reactive Organic Gases Tons/Yr: 0.002
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2010
County Code: 31
Air Basin: SV
Facility ID: 837
Air District Name: PLA
SIC Code: 7997
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.5200000000000001E-3
Reactive Organic Gases Tons/Yr: 0.001514376
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2011
County Code: 31
Air Basin: SV
Facility ID: 837
Air District Name: PLA
SIC Code: 7997
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.00152
Reactive Organic Gases Tons/Yr: 0.001514376
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2012
County Code: 31
Air Basin: SV

SIERRA VIEW COUNTRY CLUB (Continued) **S104163547**

Facility ID: 837
Air District Name: PLA
SIC Code: 7997
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.00152
Reactive Organic Gases Tons/Yr: 0.001514376
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2013
County Code: 31
Air Basin: SV
Facility ID: 837
Air District Name: PLA
SIC Code: 7997
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.00152
Reactive Organic Gases Tons/Yr: 0.00152
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2014
County Code: 31
Air Basin: SV
Facility ID: 837
Air District Name: PLA
SIC Code: 7997
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.00152
Reactive Organic Gases Tons/Yr: 0.00152
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2015
County Code: 31
Air Basin: SV
Facility ID: 837
Air District Name: PLA
SIC Code: 7997
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

SIERRA VIEW COUNTRY CLUB (Continued) **S104163547**

Total Organic Hydrocarbon Gases Tons/Yr: 0.00152
Reactive Organic Gases Tons/Yr: 0.00152
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2016
County Code: 31
Air Basin: SV
Facility ID: 837
Air District Name: PLA
SIC Code: 7997
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.00152
Reactive Organic Gases Tons/Yr: 0.00152
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 31
Reg By: LTNKA
Reg Id: 310170

CERS TANKS:
Site ID: 221723
CERS ID: T0606100139
Site Name: SIERRA VIEW COUNTRY CLUB
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: PAUL SANDERS - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: THOMAS DODARO - ROSEVILLE, CITY OF
Entity Title: Not reported
Affiliation Address: 401 OAK STREET
Affiliation City: ROSEVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

C14 **SIERRA VIEW COUNTRY CLUB** **CERS** **S113062273**
NNW **105 ALTA VISTA AVE** **HAZNET** **N/A**
< 1/8 **ROSEVILLE, CA 95678** **CERS HAZ WASTE**
0.112 mi.
594 ft. **Site 2 of 2 in cluster C**

Relative:
Lower

Actual:
156 ft.

CERS HAZ WASTE:
Site ID: 402189
CERS ID: 10451479
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 402189
Site Name: SIERRA VIEW COUNTRY CLUB
Violation Date: 07-06-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 04/07/2017. Inventory of propane must include aggregate quantity of product in vessels near clubhouse.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 402189
Site Name: SIERRA VIEW COUNTRY CLUB
Violation Date: 07-06-2016
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 07/22/2016.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 402189
Site Name: SIERRA VIEW COUNTRY CLUB
Violation Date: 07-05-2013
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/18/2013. Label barrel used to store waste oil.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:

SIERRA VIEW COUNTRY CLUB (Continued) **S113062273**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-06-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-31-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-06-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-02-2015
Violations Found: No

SIERRA VIEW COUNTRY CLUB (Continued) **S113062273**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-05-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-05-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-05-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-31-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-06-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department

SIERRA VIEW COUNTRY CLUB (Continued) **S113062273**

Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO Box AA
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title: Not reported
Affiliation Address: 316 Vernon Street Suite #480
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 774-5800

Affiliation Type Desc: Legal Owner
Entity Name: Sierra View CC
Entity Title: Not reported
Affiliation Address: PO Box AA
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 782-3741

Affiliation Type Desc: Operator
Entity Name: Kyle Dykstra
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) 257-3737

Affiliation Type Desc: Environmental Contact
Entity Name: Kyle Dykstra
Entity Title: Not reported
Affiliation Address: 105 Alta Vista Ave
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678-2618
Affiliation Phone: (916) 783-4912

Affiliation Type Desc: Parent Corporation
Entity Name: SIERRA VIEW COUNTRY CLUB
Entity Title: Not reported

SIERRA VIEW COUNTRY CLUB (Continued) **S113062273**

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Kyle Dykstra
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Kyle Dykstra
Entity Title: Golf Course Superintendent
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Sierra View Land Company
Entity Title: Not reported
Affiliation Address: 105 Alta Vista Ave
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678-2618
Affiliation Phone: (916) 782-3741

HAZNET:
Site Name: SIERRA VIEW LAND COMPANY DBA SIERRA VIEW CC
Year: 2016
GEPAID: CAC002854354
Contact: JOHN WELSCH
Telephone: 9167834600
Mailing Name: Not reported
Mailing Address: 105 ALTA VISTA AVE
Mailing City,St,Zip: ROSEVILLE, CA 956781647
Gen County: Placer
TSD EPA ID: CAD982042475
TSD County: Solano
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 2.53
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Placer

SIERRA VIEW COUNTRY CLUB (Continued) **S113062273**

Site Name: SIERRA VIEW COUNTRY CLUB
Year: 1996
GEPAID: CAL000108053
Contact: SIERRA VIEW COUNTRY CLUB
Telephone: 9167823741
Mailing Name: Not reported
Mailing Address: PO BOX AA
Mailing City,St,Zip: ROSEVILLE, CA 956780676
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .2293
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Placer

Site Name: SIERRA VIEW COUNTRY CLUB
Year: 1996
GEPAID: CAL000108053
Contact: SIERRA VIEW COUNTRY CLUB
Telephone: 9167823741
Mailing Name: Not reported
Mailing Address: PO BOX AA
Mailing City,St,Zip: ROSEVILLE, CA 956780676
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: .2293
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Placer

CERS TANKS:
Site ID: 402189
CERS ID: 10451479
Site Name: SIERRA VIEW COUNTRY CLUB
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 402189
Site Name: SIERRA VIEW COUNTRY CLUB
Violation Date: 07-06-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 04/07/2017. Inventory of propane must include aggregate quantity of product in vessels near clubhouse.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

SIERRA VIEW COUNTRY CLUB (Continued) **S113062273**

Site ID: 402189
Site Name: SIERRA VIEW COUNTRY CLUB
Violation Date: 07-06-2016
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 07/22/2016.
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 402189
Site Name: SIERRA VIEW COUNTRY CLUB
Violation Date: 07-05-2013
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/18/2013. Label barrel used to store waste oil.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department

SIERRA VIEW COUNTRY CLUB (Continued) **S113062273**

Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-06-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-31-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-06-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-05-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-05-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS

SIERRA VIEW COUNTRY CLUB (Continued) **S113062273**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-05-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-31-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-06-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO Box AA
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title: Not reported
Affiliation Address: 316 Vernon Street Suite #480
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 774-5800

SIERRA VIEW COUNTRY CLUB (Continued) **S113062273**

Affiliation Type Desc: Legal Owner
Entity Name: Sierra View CC
Entity Title: Not reported
Affiliation Address: PO Box AA
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 782-3741

Affiliation Type Desc: Operator
Entity Name: Kyle Dykstra
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) 257-3737

Affiliation Type Desc: Environmental Contact
Entity Name: Kyle Dykstra
Entity Title: Not reported
Affiliation Address: 105 Alta Vista Ave
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678-2618
Affiliation Phone: (916) 783-4912

Affiliation Type Desc: Parent Corporation
Entity Name: SIERRA VIEW COUNTRY CLUB
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Kyle Dykstra
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Kyle Dykstra
Entity Title: Golf Course Superintendent
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

SIERRA VIEW COUNTRY CLUB (Continued) **S113062273**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Sierra View Land Company
Entity Title: Not reported
Affiliation Address: 105 Alta Vista Ave
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678-2618
Affiliation Phone: (916) 782-3741

---

15 **LIFT STATION SEWER ASSESMENT D** **HIST UST** **U001613844**
SE **NORTH ROSEVILLE** **N/A**
1/8-1/4 **ROSEVILLE, CA 95678**
0.128 mi.
676 ft.

Relative: **Higher**
Actual: **167 ft.**

HIST UST:
File Number: 0001F1B9
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F1B9.pdf
Region: STATE
Facility ID: 00000056800
Facility Type: Other
Other Type: SEWER LIFT STATION
Contact Name: DON SNELLING
Telephone: 9167839151
Owner Name: CITY OF ROSEVILLE
Owner Address: 316 VERNON STREET
Owner City,St,Zip: ROSEVILLE, CA 95678
Total Tanks: 0001

Tank Num: 001
Container Num: LS 001
Year Installed: 1982
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 12
Leak Detection: None

Click here for Geo Tracker PDF:

D16 **LAMBERT PRECISION GRINDING & MACHINING** **HAZNET** **S113118498**
NW **911 WASHINGTON BLVD STE 210** **CERS HAZ WASTE** **N/A**
1/8-1/4 **ROSEVILLE, CA 95678**
0.174 mi.
917 ft. **Site 1 of 2 in cluster D**

Relative: **Lower**
Actual: **153 ft.**

CERS HAZ WASTE:
Site ID: 43331
CERS ID: 10449955
CERS Description: Hazardous Waste Generator

LAMBERT PRECISION GRINDING & MACHINING (Continued) **S113118498**

Violations:
Site ID: 43331
Site Name: LAMBERT PRECISION GRINDING & MACHINING
Violation Date: 05-12-2014
Citation: 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description: Failure to prepare a hazardous waste manifest for the transport of a hazardous waste for off-site transfer, treatment, storage, or disposal.
Violation Notes: Not reported
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-28-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-28-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported

LAMBERT PRECISION GRINDING & MACHINING (Continued) **S113118498**

Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: RICHARD LAMBERT
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: LAMBERT PRECISION GRINDING & MACHINING
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 911 WASHINGTON BLVD # 210
Affiliation City: ROSEVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: RICHARD LAMBERT
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) 517-0443

Affiliation Type Desc: Environmental Contact
Entity Name: RICHARD LAMBERT
Entity Title: Not reported
Affiliation Address: 911 WASHINGTON BLVD # 210
Affiliation City: ROSEVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 784-1150

Affiliation Type Desc: Identification Signer
Entity Name: RICHARD LAMBERT

LAMBERT PRECISION GRINDING & MACHINING (Continued) **S113118498**

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: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title: Not reported
Affiliation Address: 316 Vernon Street Suite #480
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 774-5800

Affiliation Type Desc: Legal Owner
Entity Name: RICHARD LAMBERT
Entity Title: Not reported
Affiliation Address: 162 RIMMA WAY
Affiliation City: ROSEVILLE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95661
Affiliation Phone: (916) 517-0443

Affiliation Type Desc: Property Owner
Entity Name: Matt
Entity Title: Not reported
Affiliation Address: 951 WASHINGTON BLVD # 501
Affiliation City: ROSEVILLE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 781-3566

HAZNET:
Site Name: LAMBERT PRECISION GRINDING & MACHINING
Year: 2017
GEPAID: CAL000249595
Contact: RICHARD LAMBERT-OWNER
Telephone: 9167841150
Mailing Name: Not reported
Mailing Address: 911 WASHINGTON BLVD STE 210
Mailing City,St,Zip: ROSEVILLE, CA 956780000
Gen County: Placer
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

LAMBERT PRECISION GRINDING & MACHINING (Continued) **S113118498**

(H010-H129) Or (H131-H135)
Facility County: Placer

Site Name: LAMBERT PRECISION GRINDING & MACHINING
Year: 2014
GEPAID: CAL000249595
Contact: RICHARD LAMBERT-OWNER
Telephone: 9167841150
Mailing Name: Not reported
Mailing Address: 911 WASHINGTON BLVD STE 210
Mailing City,St,Zip: ROSEVILLE, CA 956780000
Gen County: Placer
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Placer

Site Name: LAMBERT PRECISION GRINDING & MACHINING
Year: 2011
GEPAID: CAL000249595
Contact: RICHARD LAMBERT-OWNER
Telephone: 9167841150
Mailing Name: Not reported
Mailing Address: 911 WASHINGTON BLVD STE 210
Mailing City,St,Zip: ROSEVILLE, CA 956780000
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.25
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Placer

Site Name: LAMBERT PRECISION GRINDING & MACHINING
Year: 2010
GEPAID: CAL000249595
Contact: RICHARD LAMBERT-OWNER
Telephone: 9167841150
Mailing Name: Not reported
Mailing Address: 911 WASHINGTON BLVD STE 210
Mailing City,St,Zip: ROSEVILLE, CA 956780000
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.25
Cat Decode: Not reported

LAMBERT PRECISION GRINDING & MACHINING (Continued) **S113118498**

Method Decode: Not reported
Facility County: Placer

Site Name: LAMBERT PRECISION GRINDING & MACHINING
Year: 2006
GEPAID: CAL000249595
Contact: RICHARD LAMBERT-OWNER
Telephone: 9167841150
Mailing Name: Not reported
Mailing Address: 911 WASHINGTON BLVD STE 210
Mailing City,St,Zip: ROSEVILLE, CA 956780000
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Placer

D17 **CITY OF ROSEVILLE CORPORATION** **HIST UST** **U001613817**
WNW **CORPORATION YARD ROAD** **N/A**
1/8-1/4 **ROSEVILLE, CA 95678**
0.183 mi.
966 ft. **Site 2 of 2 in cluster D**

Relative: HIST UST:
Lower
Actual: File Number: 0001F1BA
156 ft. URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F1BA.pdf
Region: STATE
Facility ID: 00000056801
Facility Type: Gas Station
Other Type: Not reported
Contact Name: L.L. MCKINNEY
Telephone: 9167839151
Owner Name: CITY OF ROSEVILLE
Owner Address: 316 VERNON STREET
Owner City,St,Zip: ROSEVILLE, CA 95678
Total Tanks: 0004

Tank Num: 001
Container Num: CY 001
Year Installed: 1978
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: CY 002
Year Installed: 1961
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4

CITY OF ROSEVILLE CORPORATION (Continued) **U001613817**

Leak Detection: None

Tank Num: 003
Container Num: CY 003
Year Installed: 1974
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: None

Tank Num: 004
Container Num: CY 004
Year Installed: 1961
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/16
Leak Detection: None

Click here for Geo Tracker PDF:

E18 **ROSEVILLE CORPORATION YARD** **CERS** **S102436026**
WNW **100 CORPORATION YARD RD** **LUST** **N/A**
1/8-1/4 **ROSEVILLE, CA 95678** **HIST CORTESE**
0.225 mi.
1187 ft. **Site 1 of 4 in cluster E**

Relative:
Higher

Actual:
162 ft.

LUST:
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606100110
Global Id: T0606100110
Latitude: 38.758909093
Longitude: -121.295943489
Status: Completed - Case Closed
Status Date: 11/02/2004
Case Worker: PRS
RB Case Number: 310134
Local Agency: ROSEVILLE, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0606100110
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: psanders@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606100110
Contact Type: Local Agency Caseworker

ROSEVILLE CORPORATION YARD (Continued) **S102436026**

Contact Name: THOMAS DODARO
Organization Name: ROSEVILLE, CITY OF
Address: 401 OAK STREET
City: ROSEVILLE
Email: tdodaro@roseville.ca.us
Phone Number: Not reported

LUST:

Global Id: T0606100110
Action Type: RESPONSE
Date: 04/07/2004
Action: Other Report / Document

Global Id: T0606100110
Action Type: RESPONSE
Date: 06/13/2000
Action: Other Report / Document

Global Id: T0606100110
Action Type: RESPONSE
Date: 04/24/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100110
Action Type: RESPONSE
Date: 01/10/2001
Action: Other Report / Document

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 05/26/2004
Action: Staff Letter

Global Id: T0606100110
Action Type: Other
Date: 08/26/1991
Action: Leak Reported

Global Id: T0606100110
Action Type: RESPONSE
Date: 07/25/2002
Action: Other Report / Document

Global Id: T0606100110
Action Type: RESPONSE
Date: 07/31/2002
Action: Monitoring Report - Quarterly

Global Id: T0606100110
Action Type: RESPONSE
Date: 03/26/1996
Action: Other Report / Document

Global Id: T0606100110
Action Type: RESPONSE
Date: 04/23/2002
Action: Monitoring Report - Quarterly

ROSEVILLE CORPORATION YARD (Continued) **S102436026**

Global Id: T0606100110
Action Type: RESPONSE
Date: 09/05/2002
Action: Other Report / Document

Global Id: T0606100110
Action Type: RESPONSE
Date: 02/07/1996
Action: Correspondence

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 01/21/2004
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 11/01/2000
Action: Site Visit / Inspection / Sampling

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 02/23/2000
Action: Staff Letter

Global Id: T0606100110
Action Type: RESPONSE
Date: 10/25/2004
Action: Other Report / Document

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 09/13/2002
Action: Notice to Comply

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 09/23/2002
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 05/22/2002
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 11/02/2004
Action: Closure/No Further Action Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 08/22/2000
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT

ROSEVILLE CORPORATION YARD (Continued) **S102436026**

Date: 11/24/1999
Action: Staff Letter

Global Id: T0606100110
Action Type: RESPONSE
Date: 04/30/2004
Action: Other Report / Document

Global Id: T0606100110
Action Type: RESPONSE
Date: 06/10/2002
Action: Correspondence

Global Id: T0606100110
Action Type: RESPONSE
Date: 08/26/1991
Action: Unauthorized Release Form

Global Id: T0606100110
Action Type: RESPONSE
Date: 04/03/2000
Action: Other Report / Document

Global Id: T0606100110
Action Type: RESPONSE
Date: 04/28/1995
Action: Other Report / Document

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 07/24/2002
Action: Warning Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 11/29/2000
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 02/23/2000
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 04/12/2000
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 09/27/1996
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 01/30/1996
Action: Staff Letter

ROSEVILLE CORPORATION YARD (Continued) **S102436026**

Global Id: T0606100110
Action Type: RESPONSE
Date: 07/25/2002
Action: Other Report / Document

Global Id: T0606100110
Action Type: RESPONSE
Date: 11/10/2000
Action: Other Report / Document

Global Id: T0606100110
Action Type: RESPONSE
Date: 12/19/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100110
Action Type: RESPONSE
Date: 02/13/1995
Action: Other Report / Document

Global Id: T0606100110
Action Type: RESPONSE
Date: 02/08/2002
Action: Other Report / Document

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 08/19/2002
Action: File review

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 09/09/2003
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 05/26/2004
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 09/23/2002
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 09/03/2000
Action: Meeting

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 08/30/2000
Action: Meeting

Global Id: T0606100110
Action Type: ENFORCEMENT

ROSEVILLE CORPORATION YARD (Continued) **S102436026**

Date: 03/14/2002
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 04/12/2000
Action: Staff Letter

Global Id: T0606100110
Action Type: RESPONSE
Date: 08/30/2002
Action: Soil and Water Investigation Report

Global Id: T0606100110
Action Type: RESPONSE
Date: 04/15/2003
Action: Tank Removal Report / UST Sampling Report

Global Id: T0606100110
Action Type: RESPONSE
Date: 10/06/1994
Action: Unauthorized Release Form

Global Id: T0606100110
Action Type: RESPONSE
Date: 01/19/1996
Action: Other Report / Document

Global Id: T0606100110
Action Type: RESPONSE
Date: 11/03/1992
Action: Correspondence

Global Id: T0606100110
Action Type: RESPONSE
Date: 04/26/2001
Action: Other Report / Document

Global Id: T0606100110
Action Type: Other
Date: 08/21/1991
Action: Leak Discovery

Global Id: T0606100110
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100110
Action Type: RESPONSE
Date: 05/09/2002
Action: Other Report / Document

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 01/26/2004
Action: Staff Letter

ROSEVILLE CORPORATION YARD (Continued) **S102436026**

Global Id: T0606100110
Action Type: RESPONSE
Date: 08/19/1996
Action: Other Report / Document

Global Id: T0606100110
Action Type: RESPONSE
Date: 07/31/2001
Action: Other Report / Document

Global Id: T0606100110
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100110
Action Type: RESPONSE
Date: 10/15/2004
Action: Unknown

Global Id: T0606100110
Action Type: RESPONSE
Date: 02/14/2002
Action: Other Report / Document

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 09/10/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 08/22/2000
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 10/17/2002
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 02/24/2000
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 04/13/2000
Action: Staff Letter

Global Id: T0606100110
Action Type: ENFORCEMENT
Date: 08/22/2000
Action: * Historical Enforcement

LUST:
Global Id: T0606100110

ROSEVILLE CORPORATION YARD (Continued) **S102436026**

Status: Completed - Case Closed
Status Date: 11/02/2004

Global Id: T0606100110
Status: Open - Case Begin Date
Status Date: 08/21/1991

Global Id: T0606100110
Status: Open - Site Assessment
Status Date: 08/25/1994

Global Id: T0606100110
Status: Open - Site Assessment
Status Date: 11/14/2000

Global Id: T0606100110
Status: Open - Verification Monitoring
Status Date: 11/23/1999

LUST REG 5:
Region: 5
Status: Case Closed
Case Number: 310134
Case Type: Drinking Water Aquifer affected
Substance: DIESEL
Staff Initials: PRS
Lead Agency: Regional
Program: LUST
MTBE Code: 1

HIST CORTESE:
Region: CORTESE
Facility County Code: 31
Reg By: LTNKA
Reg Id: 310134

CERS TANKS:
Site ID: 206641
CERS ID: T0606100110
Site Name: ROSEVILLE CORPORATION YARD
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: THOMAS DODARO - ROSEVILLE, CITY OF
Entity Title: Not reported
Affiliation Address: 401 OAK STREET
Affiliation City: ROSEVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: PAUL SANDERS - CENTRAL VALLEY RWQCB (REGION 5S)

ROSEVILLE CORPORATION YARD (Continued) **S102436026**

Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

F19 **BUBBA'S AUTO CARE** **CERS** **S121736909**
South **310 WASHINGTON BLVD** **CERS HAZ WASTE** **N/A**
1/8-1/4 **ROSEVILLE, CA 95678**
0.227 mi.
1198 ft. **Site 1 of 2 in cluster F**

Relative:
Higher

Actual:
166 ft.

CERS HAZ WASTE:
Site ID: 100370
CERS ID: 10419871
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 03-31-2014
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: Returned to compliance on 04/01/2014. Spent absorbent found in dumpster.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 03-31-2014
Citation: HSC 6.5 25250.7 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.7
Violation Description: Failure to handle contaminated used oil (other than minimal amounts of vehicle fuel) as a hazardous waste.
Violation Notes: Returned to compliance on 04/30/2014. Used filters kept longer than one year.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 07-06-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: February 2016 manifest was not available

BUBBA'S AUTO CARE (Continued) **S121736909**

Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 07-06-2016
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: Not reported
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 04-14-2015
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 04/24/2015. Filters have been onsite for over 12 months
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 04-14-2015
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 04/24/2015. HazWaste barrels are open.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 07-06-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Release/Leaks/Spills - General
Violation Notes: No spill kit onsite; secondary containment with liquid
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-31-2014

BUBBA'S AUTO CARE (Continued) **S121736909**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-31-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 100370
Facility Name: Bubba's Auto Care
Env Int Type Code: HWG
Program ID: 10419871

BUBBA'S AUTO CARE (Continued) **S121736909**

Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 38.752710
Longitude: -121.287530

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Dennis Hendrickson
Entity Title: Not reported
Affiliation Address: 1401 Dana Crt
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95661
Affiliation Phone: (916) 240-4083

Affiliation Type Desc: Document Preparer
Entity Name: Ann Killian
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Dennis Hendrickson
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: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Bubba's Auto Care
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title: Not reported
Affiliation Address: 316 Vernon Street Suite #480
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 774-5800

Affiliation Type Desc: Environmental Contact

BUBBA'S AUTO CARE (Continued) **S121736909**

Entity Name: Dennis Hendrickson
Entity Title: Not reported
Affiliation Address: 310 Washington Blvd
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 218-0303

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 310 Washington Blvd.
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Dennis Owen Hendrickson
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) 240-4083

Affiliation Type Desc: Property Owner
Entity Name: Dennis Owen Hendrickson
Entity Title: Not reported
Affiliation Address: 310 Washington Blvd
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 240-4083

CERS TANKS:
Site ID: 100370
CERS ID: 10419871
Site Name: BUBBA'S AUTO CARE
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 03-31-2014
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: Returned to compliance on 04/01/2014. Spent absorbent found in dumpster.
Violation Division: Roseville City Fire Department

BUBBA'S AUTO CARE (Continued) **S121736909**

Violation Program: HW
Violation Source: CERS

Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 03-31-2014
Citation: HSC 6.5 25250.7 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.7
Violation Description: Failure to handle contaminated used oil (other than minimal amounts of vehicle fuel) as a hazardous waste.
Violation Notes: Returned to compliance on 04/30/2014. Used filters kept longer than one year.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 07-06-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: February 2016 manifest was not available
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 07-06-2016
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: Not reported
Violation Division: Roseville City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 04-14-2015
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 04/24/2015. Filters have been onsite for over 12 months
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

BUBBA'S AUTO CARE (Continued) **S121736909**

Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 04-14-2015
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 04/24/2015. HazWaste barrels are open.
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 100370
Site Name: Bubba's Auto Care
Violation Date: 07-06-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Release/Leaks/Spills - General
Violation Notes: No spill kit onsite; secondary containment with liquid
Violation Division: Roseville City Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-31-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-31-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department

BUBBA'S AUTO CARE (Continued) **S121736909**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 100370
Facility Name: Bubba's Auto Care
Env Int Type Code: HWG
Program ID: 10419871
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 38.752710
Longitude: -121.287530

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Dennis Hendrickson
Entity Title: Not reported
Affiliation Address: 1401 Dana Crt
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95661
Affiliation Phone: (916) 240-4083

Affiliation Type Desc: Document Preparer
Entity Name: Ann Killian
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Dennis Hendrickson
Entity Title: Owner
Affiliation Address: Not reported

BUBBA'S AUTO CARE (Continued) **S121736909**

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Bubba's Auto Care
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title: Not reported
Affiliation Address: 316 Vernon Street Suite #480
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 774-5800

Affiliation Type Desc: Environmental Contact
Entity Name: Dennis Hendrickson
Entity Title: Not reported
Affiliation Address: 310 Washington Blvd
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: (916) 218-0303

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 310 Washington Blvd.
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95678
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Dennis Owen Hendrickson
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) 240-4083

Affiliation Type Desc: Property Owner

BUBBA'S AUTO CARE (Continued) **S121736909**

Entity Name: Dennis Owen Hendrickson
Entity Title: Not reported
Affiliation Address: 310 Washington Blvd
Affiliation City: Roseville
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95678
Affiliation Phone: (916) 240-4083

E20 **CITY OF ROSEVILLE CORPORATION YARD** **SWEEPS UST** **S106924635**
WNW **100 CORPORATION YARD RD** **N/A**
1/8-1/4 **ROSEVILLE, CA 95678**
0.227 mi.
1198 ft. **Site 2 of 4 in cluster E**

Relative:
Higher

Actual:
162 ft.

SWEEPS UST:
Status: Active
Comp Number: 71645
Number: 4
Board Of Equalization: Not reported
Referral Date: 05-20-92
Action Date: 05-20-92
Created Date: 05-20-92
Owner Tank Id: Not reported
SWRCB Tank Id: 31-015-071645-000001
Tank Status: A
Capacity: 10000
Active Date: 05-20-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: Active
Comp Number: 71645
Number: 4
Board Of Equalization: Not reported
Referral Date: 05-20-92
Action Date: 05-20-92
Created Date: 05-20-92
Owner Tank Id: Not reported
SWRCB Tank Id: 31-015-071645-000002
Tank Status: A
Capacity: 2000
Active Date: 05-20-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 71645
Number: 4
Board Of Equalization: Not reported
Referral Date: 05-20-92
Action Date: 05-20-92
Created Date: 05-20-92

CITY OF ROSEVILLE CORPORATION YARD (Continued) **S106924635**

Owner Tank Id: Not reported
SWRCB Tank Id: 31-015-071645-000003
Tank Status: A
Capacity: 10000
Active Date: 05-20-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

E21 **CITY OF ROSEVILLE** **SWEEPS UST** **S101628001**
WNW **100 CORPORATION YARD RD** **CA FID UST** **N/A**
1/8-1/4 **ROSEVILLE, CA 95678**
0.227 mi.
1198 ft. **Site 3 of 4 in cluster E**

Relative:
Higher

Actual:
162 ft.

SWEEPS UST:
Status: Active
Comp Number: 56801
Number: 9
Board Of Equalization: 44-017444
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: CY 001
SWRCB Tank Id: 31-015-056801-000001
Tank Status: A
Capacity: 300
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 4

Status: Active
Comp Number: 56801
Number: 9
Board Of Equalization: 44-017444
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: CY 002
SWRCB Tank Id: 31-015-056801-000002
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 56801
Number: 9
Board Of Equalization: 44-017444
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88

CITY OF ROSEVILLE (Continued) **S101628001**

Owner Tank Id: CY 003
SWRCB Tank Id: 31-015-056801-000003
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 56801
Number: 9
Board Of Equalization: 44-017444
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: CY 004
SWRCB Tank Id: 31-015-056801-000004
Tank Status: A
Capacity: 2000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 31000112
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 9167745286
Mail To: Not reported
Mailing Address: 311 VERNON ST
Mailing Address 2: Not reported
Mailing City,St,Zip: ROSEVILLE 95678
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Facility ID: 31000623
Regulated By: UTNKA
Regulated ID: 00056801
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 9167839151
Mail To: Not reported
Mailing Address: 316 VERNON ST
Mailing Address 2: Not reported
Mailing City,St,Zip: ROSEVILLE 95678
Contact: Not reported

CITY OF ROSEVILLE (Continued) **S101628001**

Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

E22 **PLACER CO FAIR** **CERS** **S104163544**
WNW **800 ALL AMERICAN BLVD** **LUST** **N/A**
1/4-1/2 **ROSEVILLE, CA 95678** **HIST CORTESE**
0.252 mi. **Cortese**
1330 ft. **Site 4 of 4 in cluster E**

Relative: Higher
Actual: 164 ft.

LUST:
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606100208
Global Id: T0606100208
Latitude: 38.758756049
Longitude: -121.294891486
Status: Open - Remediation
Status Date: 01/01/2014
Case Worker: KEJ
RB Case Number: 310258
Local Agency: ROSEVILLE, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

LUST:
Global Id: T0606100208
Contact Type: Regional Board Caseworker
Contact Name: KYLE JOHNSON
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 Sun Center Drive, Suite 200
City: SACRAMENTO
Email: kyle.johnson@waterboards.ca.gov
Phone Number: 9164643291

Global Id: T0606100208
Contact Type: Local Agency Caseworker
Contact Name: THOMAS DODARO
Organization Name: ROSEVILLE, CITY OF
Address: 401 OAK STREET
City: ROSEVILLE
Email: tdodaro@roseville.ca.us
Phone Number: Not reported

PLACER CO FAIR (Continued) **S104163544**

LUST:

Global Id:	T0606100208
Action Type:	ENFORCEMENT
Date:	12/08/2015
Action:	Email Correspondence
Global Id:	T0606100208
Action Type:	ENFORCEMENT
Date:	03/24/2017
Action:	Staff Letter
Global Id:	T0606100208
Action Type:	RESPONSE
Date:	04/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0606100208
Action Type:	RESPONSE
Date:	07/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0606100208
Action Type:	RESPONSE
Date:	01/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100208
Action Type:	RESPONSE
Date:	10/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100208
Action Type:	RESPONSE
Date:	10/15/2012
Action:	Monitoring Report - Quarterly
Global Id:	T0606100208
Action Type:	RESPONSE
Date:	04/15/2012
Action:	Monitoring Report - Quarterly
Global Id:	T0606100208
Action Type:	ENFORCEMENT
Date:	04/17/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100208
Action Type:	ENFORCEMENT
Date:	08/12/2004
Action:	* Historical Enforcement
Global Id:	T0606100208
Action Type:	ENFORCEMENT
Date:	11/06/2008
Action:	Staff Letter
Global Id:	T0606100208

PLACER CO FAIR (Continued) **S104163544**

Action Type: Other
Date: 04/23/1993
Action: Leak Reported

Global Id: T0606100208
Action Type: RESPONSE
Date: 01/31/2008
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0606100208
Action Type: RESPONSE
Date: 01/31/2008
Action: Soil and Water Investigation Workplan

Global Id: T0606100208
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 01/15/2013
Action: Soil and Water Investigation Report

Global Id: T0606100208
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 06/17/2013
Action: Interim Remedial Action Report

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 06/28/2004
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 08/16/2004

PLACER CO FAIR (Continued) **S104163544**

Action: Warning Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 10/22/2015
Action: Staff Letter

Global Id: T0606100208
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 05/30/2008
Action: Interim Remedial Action Plan

Global Id: T0606100208
Action Type: RESPONSE
Date: 10/20/2008
Action: Soil and Water Investigation Report

Global Id: T0606100208
Action Type: RESPONSE
Date: 06/17/2013
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 02/01/2016
Action: Request for Closure - Regulator Responded

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 10/23/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: RESPONSE
Date: 01/09/2009
Action: Other Report / Document

Global Id: T0606100208
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Semi-Annually

PLACER CO FAIR (Continued) **S104163544**

Global Id: T0606100208
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 01/24/2004
Action: Soil and Water Investigation Report

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 10/17/2002
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 03/05/2003
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 10/12/2005
Action: * Historical Enforcement

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 10/12/2004
Action: Warning Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 03/16/2005
Action: Staff Letter

Global Id: T0606100208
Action Type: REMEDIATION
Date: 07/01/2005
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 06/15/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 08/03/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT

PLACER CO FAIR (Continued) **S104163544**

Date: 02/26/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 01/05/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 07/09/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 08/28/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 03/14/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 09/05/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 05/14/2013
Action: Warning Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 06/21/2012
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 01/31/2013
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 03/25/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 11/19/2012
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 09/04/2012
Action: Staff Letter

PLACER CO FAIR (Continued) **S104163544**

Global Id: T0606100208
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 10/15/2008
Action: Remedial Progress Report

Global Id: T0606100208
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 07/24/2002
Action: Warning Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 04/12/2000
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 05/04/2001
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 01/10/2003
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 06/27/2012
Action: Site Visit / Inspection / Sampling

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 11/20/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 12/03/2013
Action: Staff Letter

Global Id: T0606100208
Action Type: RESPONSE

PLACER CO FAIR (Continued) **S104163544**

Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0606100208
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 07/17/2002
Action: File review

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 05/13/2003
Action: * Historical Enforcement

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 12/20/2002
Action: Warning Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 04/21/2003
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 10/15/2002
Action: File review

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 09/22/2005
Action: Staff Letter

Global Id: T0606100208
Action Type: REMEDIATION
Date: 02/07/2009
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0606100208
Action Type: RESPONSE
Date: 12/20/2002
Action: Other Workplan

Global Id: T0606100208
Action Type: RESPONSE
Date: 12/20/2002
Action: Other Workplan

PLACER CO FAIR (Continued) **S104163544**

Global Id: T0606100208
Action Type: RESPONSE
Date: 04/30/2003
Action: Soil and Water Investigation Report

Global Id: T0606100208
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 07/13/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: REMEDIATION
Date: 10/01/2001
Action: Free Product Removal

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 10/31/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 11/29/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 03/30/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 04/03/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 10/17/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 12/11/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: Other
Date: 04/23/1993
Action: Leak Discovery

Global Id: T0606100208
Action Type: RESPONSE

PLACER CO FAIR (Continued) **S104163544**

Date: 09/10/2004
Action: Other Report / Document

Global Id: T0606100208
Action Type: RESPONSE
Date: 06/28/2005
Action: Interim Remedial Action Report

Global Id: T0606100208
Action Type: RESPONSE
Date: 07/28/2003
Action: Interim Remedial Action Report

Global Id: T0606100208
Action Type: RESPONSE
Date: 04/16/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 04/16/2004
Action: Interim Remedial Action Plan

Global Id: T0606100208
Action Type: RESPONSE
Date: 04/16/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 04/16/2004
Action: Soil and Water Investigation Report

Global Id: T0606100208
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 04/16/2004
Action: Interim Remedial Action Plan

Global Id: T0606100208
Action Type: RESPONSE
Date: 12/23/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 03/13/2006
Action: * Verbal Communication

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 02/18/2003
Action: * Historical Enforcement

PLACER CO FAIR (Continued) **S104163544**

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 08/01/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 12/04/2007
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 04/06/2015
Action: Email Correspondence

Global Id: T0606100208
Action Type: RESPONSE
Date: 06/28/2005
Action: Interim Remedial Action Report

Global Id: T0606100208
Action Type: RESPONSE
Date: 04/16/2004
Action: Soil and Water Investigation Report

Global Id: T0606100208
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 02/09/2004
Action: Warning Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 06/26/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 06/30/2008
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 08/26/2002
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT

PLACER CO FAIR (Continued) **S104163544**

Date: 03/20/2001
Action: Staff Letter

Global Id: T0606100208
Action Type: RESPONSE
Date: 06/28/2005
Action: Interim Remedial Action Report

Global Id: T0606100208
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100208
Action Type: RESPONSE
Date: 09/10/2004
Action: Other Report / Document

Global Id: T0606100208
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0606100208
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0606100208
Action Type: RESPONSE
Date: 11/08/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0606100208
Action Type: RESPONSE
Date: 08/01/2012
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 10/15/2003
Action: Staff Letter

Global Id: T0606100208
Action Type: ENFORCEMENT
Date: 03/13/2008
Action: Staff Letter

LUST:
Global Id: T0606100208
Status: Open - Case Begin Date
Status Date: 04/23/1993

Global Id: T0606100208
Status: Open - Remediation
Status Date: 02/27/2003

PLACER CO FAIR (Continued) **S104163544**

Global Id: T0606100208
Status: Open - Remediation
Status Date: 07/30/2005

Global Id: T0606100208
Status: Open - Remediation
Status Date: 02/29/2008

Global Id: T0606100208
Status: Open - Remediation
Status Date: 03/11/2008

Global Id: T0606100208
Status: Open - Remediation
Status Date: 01/01/2014

Global Id: T0606100208
Status: Open - Site Assessment
Status Date: 04/23/1993

Global Id: T0606100208
Status: Open - Site Assessment
Status Date: 07/21/1999

Global Id: T0606100208
Status: Open - Site Assessment
Status Date: 08/17/2000

Global Id: T0606100208
Status: Open - Site Assessment
Status Date: 12/22/2002

Global Id: T0606100208
Status: Open - Site Assessment
Status Date: 02/29/2008

Global Id: T0606100208
Status: Open - Verification Monitoring
Status Date: 08/02/2011

LUST REG 5:
Region: 5
Status: Remedial action (cleanup) Underway
Case Number: 310258
Case Type: Drinking Water Aquifer affected
Substance: DIESEL
Staff Initials: PRS
Lead Agency: Regional
Program: LUST
MTBE Code: 5

CORTESE:
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0606100208

PLACER CO FAIR (Continued) **S104163544**

Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - REMEDIATION
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
Region: CORTESE
Facility County Code: 31
Reg By: LTNKA
Reg Id: 310258

CERS TANKS:
Site ID: 240032
CERS ID: T0606100208
Site Name: PLACER CO FAIR
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: KYLE JOHNSON - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 Sun Center Drive, Suite 200
Affiliation City: SACRAMENTO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9164643291

Affiliation Type Desc: Local Agency Caseworker
Entity Name: THOMAS DODARO - ROSEVILLE, CITY OF
Entity Title: Not reported
Affiliation Address: 401 OAK STREET
Affiliation City: ROSEVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

F23 **FINGERS CLASS III LF CLOSURE** **WDS** **S106800625**
South **Cortese** **N/A**
1/4-1/2 **ROSEVILLE, CA 0**
0.265 mi.
1397 ft. **Site 2 of 2 in cluster F**

Relative:
Higher

Actual:
164 ft.

CORTESE:
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
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: CORTESE
Order No: 89-115
Waste Discharge System No: Not reported
Effective Date: 06/23/1989
Region 2: 5S
WID Id: 5A310302001
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

WDS:
Facility ID: Sacramento River 310302001
Facility Type: Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: Not reported
Subregion: 0
Facility Telephone: Not reported
Facility Contact: DAN SHEEHAN
Agency Name: A GREENER GLOBE INC
Agency Address: 6355 DORNES RD
Agency City,St,Zip: LINCOLN 95648
Agency Contact: Daniel Sheehan
Agency Telephone: 9166458748
Agency Type: Private
SIC Code: 4953
SIC Code 2: Not reported
Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Primary Waste: SLDWST
Waste Type2: Not reported
Waste2: Solid Wastes
Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).

FINGERS CLASS III LF CLOSURE (Continued) **S106800625**

Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: No reclamation requirements associated with this facility.
POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

24
NW
1/4-1/2
0.270 mi.
1428 ft.

ARCO FACILITY # 5534
999 WASHINGTON BLVD
ROSEVILLE, CA 95678

CERS **S105791070**
LUST **N/A**

Relative:
Lower

Actual:
152 ft.

LUST:
Lead Agency: PLACER COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606143676
Global Id: T0606143676
Latitude: 38.7610878
Longitude: -121.293883
Status: Completed - Case Closed
Status Date: 06/02/2003
Case Worker: Not reported
RB Case Number: 310396
Local Agency: Not reported
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0606143676
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: psanders@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0606143676
Action Type: Other
Date: 01/20/2003
Action: Leak Reported

ARCO FACILITY # 5534 (Continued) **S105791070**

Global Id: T0606143676
Action Type: REMEDIATION
Date: 01/20/2003
Action: Other (Use Description Field)

Global Id: T0606143676
Action Type: ENFORCEMENT
Date: 06/02/2003
Action: Closure/No Further Action Letter

Global Id: T0606143676
Action Type: Other
Date: 01/20/2003
Action: Leak Discovery

Global Id: T0606143676
Action Type: Other
Date: 01/20/2003
Action: Leak Stopped

LUST:
Global Id: T0606143676
Status: Completed - Case Closed
Status Date: 06/02/2003

Global Id: T0606143676
Status: Open - Case Begin Date
Status Date: 01/20/2003

Global Id: T0606143676
Status: Open - Site Assessment
Status Date: 01/20/2003

LUST REG 5:
Region: 5
Status: Case Closed
Case Number: 310396
Case Type: Undefined
Substance: GASOLINE
Staff Initials: PRS
Lead Agency: Local
Program: LUST
MTBE Code: N/A

CERS TANKS:
Site ID: 191195
CERS ID: T0606143676
Site Name: ARCO FACILITY # 5534
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: PAUL SANDERS - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200

ARCO FACILITY # 5534 (Continued) **S105791070**

Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

G25 **CAIRNY PROPERTY** **CERS** **S101300279**
SSE **412 LINCOLN ST** **LUST** **N/A**
1/4-1/2 **ROSEVILLE, CA 95661** **EMI**
0.303 mi. **CHMIRS**
1600 ft. **Site 1 of 2 in cluster G** **HIST CORTESE**
Cortese

Relative: Higher

Actual: 163 ft.

LUST:
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606100196
Global Id: T0606100196
Latitude: 38.7519993
Longitude: -121.2850784
Status: Open - Eligible for Closure
Status Date: 04/01/2018
Case Worker: KEJ
RB Case Number: 310245
Local Agency: ROSEVILLE, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

LUST:
Global Id: T0606100196
Contact Type: Regional Board Caseworker
Contact Name: KYLE JOHNSON
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 Sun Center Drive, Suite 200
City: SACRAMENTO
Email: kyle.johnson@waterboards.ca.gov
Phone Number: 9164643291

Global Id: T0606100196
Contact Type: Local Agency Caseworker
Contact Name: THOMAS DODARO
Organization Name: ROSEVILLE, CITY OF
Address: 401 OAK STREET
City: ROSEVILLE
Email: tdodaro@roseville.ca.us
Phone Number: Not reported

CAIRNY PROPERTY (Continued) **S101300279**

LUST:

Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	11/02/2016
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	10/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	04/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	04/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	05/13/2004
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	05/16/2005
Action:	* Historical Enforcement
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	07/16/2008
Action:	Meeting
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	11/26/2008
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	Other
Date:	08/18/1992
Action:	Leak Reported
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	07/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	01/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196

CAIRNY PROPERTY (Continued) **S101300279**

Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 05/11/2007
Action: Soil and Water Investigation Workplan

Global Id: T0606100196
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0606100196
Action Type: RESPONSE
Date: 06/05/2017
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 02/08/2005
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 01/06/2009
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 05/26/2009
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 11/18/2015
Action: Email Correspondence

Global Id: T0606100196
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 06/20/2008
Action: Soil and Water Investigation Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 06/20/2008
Action: Interim Remedial Action Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 06/20/2008

CAIRNY PROPERTY (Continued) **S101300279**

Action: Interim Remedial Action Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 06/20/2008
Action: Well Installation Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 09/15/2007
Action: Well Installation Report

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 08/07/2008
Action: Staff Letter

Global Id: T0606100196
Action Type: RESPONSE
Date: 09/09/2016
Action: Request for Closure - Regulator Responded

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 07/31/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 07/22/2009
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 11/16/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 09/09/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: RESPONSE
Date: 10/31/2008
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0606100196
Action Type: RESPONSE
Date: 04/15/2009
Action: Soil and Water Investigation Workplan

CAIRNY PROPERTY (Continued) **S101300279**

Global Id: T0606100196
Action Type: RESPONSE
Date: 11/30/2008
Action: Interim Remedial Action Plan

Global Id: T0606100196
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 11/18/2002
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 12/20/2004
Action: * Historical Enforcement

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 07/06/2004
Action: Warning Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 11/07/2005
Action: Warning Letter

Global Id: T0606100196
Action Type: REMEDIATION
Date: 07/01/2010
Action: Excavation

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 02/03/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 08/28/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT

CAIRNY PROPERTY (Continued) **S101300279**

Date: 09/01/2010
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 08/23/2011
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 02/24/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 07/06/2011
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 07/13/2010
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 02/25/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 02/14/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 01/04/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 06/28/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 04/09/2012
Action: Warning Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 06/27/2012
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 09/10/2012
Action: Technical Correspondence / Assistance / Other

CAIRNY PROPERTY (Continued) **S101300279**

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 09/25/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 08/14/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 08/28/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 10/30/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 07/01/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 10/10/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 07/30/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 07/01/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 02/13/2013
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 07/17/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 08/26/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT

CAIRNY PROPERTY (Continued) **S101300279**

Date: 10/17/2012
Action: Site Visit / Inspection / Sampling

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 02/21/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: RESPONSE
Date: 08/15/2009
Action: Interim Remedial Action Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 09/30/2009
Action: Pilot Study/ Treatability Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 09/15/2008
Action: Soil and Water Investigation Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 05/01/2001
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 07/12/2005
Action: Staff Letter

Global Id: T0606100196
Action Type: REMEDIATION
Date: 05/13/2004
Action: Free Product Removal

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 03/30/2005
Action: * Historical Enforcement

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 05/18/2005
Action: Warning Letter

CAIRNY PROPERTY (Continued) **S101300279**

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 05/16/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 08/28/2015
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 01/16/2015
Action: Email Correspondence

Global Id: T0606100196
Action Type: RESPONSE
Date: 10/31/2008
Action: Soil and Water Investigation Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 12/10/2010
Action: Interim Remedial Action Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 07/09/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0606100196
Action Type: RESPONSE
Date: 07/09/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 05/22/2003
Action: Warning Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 08/19/2002
Action: Notice to Comply

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 07/10/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: REMEDIATION

CAIRNY PROPERTY (Continued) **S101300279**

Date: 04/28/2008
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0606100196
Action Type: REMEDIATION
Date: 02/06/2011
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 04/09/2018
Action: Staff Letter

Global Id: T0606100196
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 06/20/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 06/30/2010
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0606100196
Action Type: RESPONSE
Date: 07/12/2010
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0606100196
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 03/14/2006
Action: * Historical Enforcement

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 08/18/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: REMEDIATION
Date: 10/10/2012
Action: Soil Vapor Extraction (SVE)

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 03/15/2007
Action: Technical Correspondence / Assistance / Other

CAIRNY PROPERTY (Continued) **S101300279**

Global Id: T0606100196
Action Type: Other
Date: 06/22/1992
Action: Leak Discovery

Global Id: T0606100196
Action Type: RESPONSE
Date: 06/20/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 03/15/2005
Action: Interim Remedial Action Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 12/19/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 06/27/2005
Action: Soil and Water Investigation Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 12/31/2010
Action: Soil and Water Investigation Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 06/27/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 06/07/2007
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT

CAIRNY PROPERTY (Continued) **S101300279**

Date: 03/15/2007
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 05/01/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 02/19/2008
Action: Staff Letter

Global Id: T0606100196
Action Type: RESPONSE
Date: 11/19/2004
Action: Soil and Water Investigation Workplan

Global Id: T0606100196
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 10/19/2004
Action: Interim Remedial Action Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 11/19/2004
Action: Soil and Water Investigation Workplan

Global Id: T0606100196
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 11/19/2004
Action: Soil and Water Investigation Workplan

Global Id: T0606100196
Action Type: RESPONSE
Date: 10/19/2004
Action: Interim Remedial Action Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 11/17/2003
Action: Warning Letter

CAIRNY PROPERTY (Continued) **S101300279**

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 01/05/2004
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 09/29/2004
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 04/24/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 02/06/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 06/26/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100196
Action Type: RESPONSE
Date: 06/29/2005
Action: Soil and Water Investigation Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 05/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 12/10/2010
Action: Well Installation Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 01/15/2013
Action: Interim Remedial Action Report

Global Id: T0606100196
Action Type: RESPONSE
Date: 10/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0606100196
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0606100196
Action Type: RESPONSE

CAIRNY PROPERTY (Continued) **S101300279**

Date: 01/30/2009
Action: Other Report / Document

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 12/28/2005
Action: * Historical Enforcement

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 10/16/2008
Action: Staff Letter

Global Id: T0606100196
Action Type: ENFORCEMENT
Date: 06/06/2008
Action: Technical Correspondence / Assistance / Other

LUST:
Global Id: T0606100196
Status: Open - Case Begin Date
Status Date: 06/22/1992

Global Id: T0606100196
Status: Open - Eligible for Closure
Status Date: 04/01/2018

Global Id: T0606100196
Status: Open - Remediation
Status Date: 07/31/2009

Global Id: T0606100196
Status: Open - Remediation
Status Date: 09/01/2012

Global Id: T0606100196
Status: Open - Remediation
Status Date: 09/01/2012

Global Id: T0606100196
Status: Open - Site Assessment
Status Date: 08/18/1992

Global Id: T0606100196
Status: Open - Site Assessment
Status Date: 08/18/1993

Global Id: T0606100196
Status: Open - Site Assessment
Status Date: 02/02/2005

Global Id: T0606100196
Status: Open - Site Assessment
Status Date: 06/01/2007

Global Id: T0606100196
Status: Open - Site Assessment

CAIRNY PROPERTY (Continued) **S101300279**

Status Date: 01/14/2008

Global Id: T0606100196
Status: Open - Site Assessment
Status Date: 01/01/2010

Global Id: T0606100196
Status: Open - Site Assessment
Status Date: 01/01/2015

Global Id: T0606100196
Status: Open - Verification Monitoring
Status Date: 12/01/2014

LUST REG 5:
Region: 5
Status: Preliminary site assessment underway
Case Number: 310245
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: PRS
Lead Agency: Regional
Program: LUST
MTBE Code: 9

CHMIRS:
OES Incident Number: 7-0190
OES notification: 01/14/1997
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported

CAIRNY PROPERTY (Continued) **S101300279**

Waterway Involved: No
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Unknown
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 1997
Agency: Roseville FD
Incident Date: 1/13/199712:00:00 AM
Admin Agency: Roseville Fire Department
Amount: Not reported
Contained: Yes
Site Type: Residence
E Date: Not reported
Substance: Petroleum waste
Gallons: 10-15 gals.
Unknown: 0
Substance #2: Not reported
Substance #3: Not reported
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
Fatals: Not reported
Comments: Not reported
Description: Fire Dept. responded to complaint of hydrocarbons coming up through ground. Fire Dept. evaluated that oil is originating an underground tank or sump. Leakage is stopped at the moment unless rains should occur. Fire Dept. in process is in process oof contracting cleanup once state resources are allocated.

CORTESE:
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0606100196
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - ELIGIBLE FOR CLOSURE
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

CAIRNY PROPERTY (Continued) **S101300279**

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

EMI:
Year: 2013
County Code: 31
Air Basin: SV
Facility ID: 10401
Air District Name: PLA
SIC Code: 7521
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2014
County Code: 31
Air Basin: SV
Facility ID: 10447
Air District Name: PLA
SIC Code: 5541
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.14314342972
Reactive Organic Gases Tons/Yr: 0.1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2014
County Code: 31
Air Basin: SV
Facility ID: 10401
Air District Name: PLA
SIC Code: 7521
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0

CAIRNY PROPERTY (Continued) **S101300279**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2015
County Code: 31
Air Basin: SV
Facility ID: 10447
Air District Name: PLA
SIC Code: 5541
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.14314342972
Reactive Organic Gases Tons/Yr: 0.1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Year: 2015
County Code: 31
Air Basin: SV
Facility ID: 10401
Air District Name: PLA
SIC Code: 7521
Air District Name: PLACER COUNTY APCD
Community Health Air Pollution Info System: N
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

HIST CORTESE:
Region: CORTESE
Facility County Code: 31
Reg By: LTNKA
Reg Id: 310245

CERS TANKS:
Site ID: 192896
CERS ID: T0606100196
Site Name: CAIRNY PROPERTY
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: THOMAS DODARO - ROSEVILLE, CITY OF
Entity Title: Not reported
Affiliation Address: 401 OAK STREET
Affiliation City: ROSEVILLE

CAIRNY PROPERTY (Continued) **S101300279**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: KYLE JOHNSON - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 Sun Center Drive, Suite 200
Affiliation City: SACRAMENTO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9164643291

G26 **CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PR** **CERS S108935241**
SSE **101-108 CHURCH STREET** **LUST N/A**
1/4-1/2 **ROSEVILLE, CA 95678**
0.326 mi.
1722 ft. **Site 2 of 2 in cluster G**

Relative:
Higher

Actual:
162 ft.

LUST:
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606158052
Global Id: T0606158052
Latitude: 38.7517166666667
Longitude: -121.28538
Status: Completed - Case Closed
Status Date: 11/30/2010
Case Worker: PRS
RB Case Number: 310417
Local Agency: ROSEVILLE, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Kerosene
Site History: The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

LUST:
Global Id: T0606158052
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: psanders@waterboards.ca.gov
Phone Number: Not reported

CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PR (Continued) **S108935241**

Global Id: T0606158052
Contact Type: Local Agency Caseworker
Contact Name: TOM DODARO
Organization Name: ROSEVILLE, CITY OF
Address: 401 OAK STREET, SUITE 402
City: ROSEVILLE
Email: tdodaro@roseville.ca.us.
Phone Number: Not reported

LUST:
Global Id: T0606158052
Action Type: RESPONSE
Date: 04/15/2008
Action: Soil and Water Investigation Report

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 04/16/2008
Action: Verbal Communication

Global Id: T0606158052
Action Type: Other
Date: 09/04/2007
Action: Leak Reported

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 12/19/2008
Action: Staff Letter

Global Id: T0606158052
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606158052
Action Type: RESPONSE
Date: 11/14/2007
Action: Preliminary Site Assessment Workplan

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 08/11/2008
Action: Staff Letter

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 11/10/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 07/29/2009
Action: Staff Letter

Global Id: T0606158052
Action Type: ENFORCEMENT

CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PR (Continued) **S108935241**

Date: 09/10/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0606158052
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606158052
Action Type: REMEDIATION
Date: 07/09/2007
Action: Excavation

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 11/18/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 11/30/2010
Action: Closure/No Further Action Letter

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 08/27/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 07/12/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 07/08/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 10/19/2010
Action: Staff Letter

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 07/01/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606158052
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606158052
Action Type: RESPONSE
Date: 11/07/2008
Action: Soil and Water Investigation Report

CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PR (Continued) **S108935241**

Global Id: T0606158052
Action Type: RESPONSE
Date: 09/30/2008
Action: Risk Assessment Report

Global Id: T0606158052
Action Type: RESPONSE
Date: 07/25/2008
Action: Soil and Water Investigation Workplan

Global Id: T0606158052
Action Type: RESPONSE
Date: 12/28/2009
Action: Request for Closure

Global Id: T0606158052
Action Type: REMEDIATION
Date: 07/25/2007
Action: Excavation

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 09/17/2007
Action: Staff Letter

Global Id: T0606158052
Action Type: RESPONSE
Date: 01/14/2011
Action: Well Destruction Report

Global Id: T0606158052
Action Type: Other
Date: 06/20/2007
Action: Leak Discovery

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 01/02/2008
Action: Staff Letter

Global Id: T0606158052
Action Type: ENFORCEMENT
Date: 05/14/2008
Action: Staff Letter

LUST:
Global Id: T0606158052
Status: Completed - Case Closed
Status Date: 11/30/2010

Global Id: T0606158052
Status: Open - Case Begin Date
Status Date: 06/20/2007

Global Id: T0606158052
Status: Open - Site Assessment
Status Date: 09/17/2007

CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PR (Continued) **S108935241**

Global Id: T0606158052
Status: Open - Site Assessment
Status Date: 12/24/2007

Global Id: T0606158052
Status: Open - Site Assessment
Status Date: 01/02/2008

Global Id: T0606158052
Status: Open - Site Assessment
Status Date: 04/10/2008

LUST REG 5:
Region: 5
Status: Preliminary site assessment underway
Case Number: 310417
Case Type: Drinking Water Aquifer affected
Substance: KEROSENE
Staff Initials: PRS
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

CERS TANKS:
Site ID: 256341
CERS ID: T0606158052
Site Name: CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PROJECT
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TOM DODARO - ROSEVILLE, CITY OF
Entity Title: Not reported
Affiliation Address: 401 OAK STREET, SUITE 402
Affiliation City: ROSEVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: PAUL SANDERS - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

27
SSE
1/4-1/2
0.352 mi.
1859 ft.

JOHNSON PETROLEUM CONSTRUCTION
121 CHURCH STREET
ROSEVILLE, CA 95678

CERS S106127583
LUST N/A

Relative:
Lower

Actual:
158 ft.

LUST:

Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606170747
Global Id:	T0606170747
Latitude:	38.7510633333333
Longitude:	-121.285316666667
Status:	Completed - Case Closed
Status Date:	05/09/2014
Case Worker:	CTF
RB Case Number:	310402
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Kerosene
Site History:	The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

LUST:

Global Id:	T0606170747
Contact Type:	Regional Board Caseworker
Contact Name:	CHRISTOPHER FLOWER
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5S)
Address:	11020 Sun Center Drive Suite 200
City:	RANCHO CORDOVA
Email:	chris.flower@waterboards.ca.gov
Phone Number:	9164644836

LUST:

Global Id:	T0606170747
Action Type:	RESPONSE
Date:	03/10/2006
Action:	Other Report / Document
Global Id:	T0606170747
Action Type:	RESPONSE
Date:	08/28/2012
Action:	Monitoring Report - Other
Global Id:	T0606170747
Action Type:	RESPONSE
Date:	05/24/2013
Action:	Fact Sheets - Public Participation - Regulator Responded
Global Id:	T0606170747

JOHNSON PETROLEUM CONSTRUCTION (Continued) **S106127583**

Action Type: ENFORCEMENT
Date: 08/25/2008
Action: Staff Letter

Global Id: T0606170747
Action Type: Other
Date: 07/18/2003
Action: Leak Reported

Global Id: T0606170747
Action Type: RESPONSE
Date: 03/10/2006
Action: Other Report / Document

Global Id: T0606170747
Action Type: RESPONSE
Date: 05/18/2007
Action: Other Workplan

Global Id: T0606170747
Action Type: RESPONSE
Date: 05/05/2014
Action: Request for Closure - Regulator Responded

Global Id: T0606170747
Action Type: RESPONSE
Date: 03/30/2007
Action: Soil and Water Investigation Workplan

Global Id: T0606170747
Action Type: RESPONSE
Date: 04/11/2008
Action: Soil and Water Investigation Workplan

Global Id: T0606170747
Action Type: RESPONSE
Date: 12/31/2013
Action: Well Destruction Report

Global Id: T0606170747
Action Type: RESPONSE
Date: 04/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 07/27/2009
Action: Staff Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 10/19/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 09/10/2009

JOHNSON PETROLEUM CONSTRUCTION (Continued) **S106127583**

Action: Staff Letter

Global Id: T0606170747
Action Type: RESPONSE
Date: 11/30/2008
Action: Soil and Water Investigation Workplan

Global Id: T0606170747
Action Type: RESPONSE
Date: 04/15/2011
Action: Risk Assessment Report

Global Id: T0606170747
Action Type: RESPONSE
Date: 10/30/2007
Action: Soil and Water Investigation Report

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 06/28/2004
Action: * Historical Enforcement

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 11/03/2004
Action: Staff Letter

Global Id: T0606170747
Action Type: REMEDIATION
Date: 02/28/2003
Action: Other (Use Description Field)

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 06/09/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 12/08/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 10/19/2010
Action: Warning Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 02/22/2011
Action: Staff Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 03/10/2011
Action: Staff Letter

JOHNSON PETROLEUM CONSTRUCTION (Continued) **S106127583**

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 04/21/2011
Action: Staff Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 12/15/2011
Action: Warning Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 02/23/2012
Action: Staff Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 04/04/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 09/03/2013
Action: Staff Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 03/06/2013
Action: Staff Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 04/19/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 06/12/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 04/19/2013
Action: Technical Correspondence / Assistance / Other

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 09/19/2012
Action: Staff Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 05/01/2012
Action: Staff Letter

Global Id: T0606170747
Action Type: ENFORCEMENT

JOHNSON PETROLEUM CONSTRUCTION (Continued) **S106127583**

Date: 08/19/2013
Action: Staff Letter

Global Id: T0606170747
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606170747
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 01/04/2006
Action: Warning Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 10/04/2006
Action: Staff Letter

Global Id: T0606170747
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 10/04/2005
Action: Staff Letter

Global Id: T0606170747
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 01/08/2007
Action: Warning Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 04/05/2007
Action: Staff Letter

Global Id: T0606170747
Action Type: RESPONSE
Date: 09/30/2003
Action: Soil and Water Investigation Report

Global Id: T0606170747
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

JOHNSON PETROLEUM CONSTRUCTION (Continued) **S106127583**

Global Id: T0606170747
Action Type: RESPONSE
Date: 01/14/2011
Action: Soil and Water Investigation Report

Global Id: T0606170747
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 10/09/2003
Action: Staff Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 04/17/2008
Action: Staff Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 05/30/2007
Action: Staff Letter

Global Id: T0606170747
Action Type: ENFORCEMENT
Date: 02/20/2008
Action: Staff Letter

Global Id: T0606170747
Action Type: Other
Date: 02/28/2003
Action: Leak Discovery

Global Id: T0606170747
Action Type: RESPONSE
Date: 01/15/2004
Action: Other Report / Document

Global Id: T0606170747
Action Type: RESPONSE
Date: 03/30/2007
Action: Soil and Water Investigation Workplan

Global Id: T0606170747
Action Type: RESPONSE
Date: 02/29/2012
Action: Site Assessment Report

Global Id: T0606170747
Action Type: RESPONSE
Date: 06/16/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0606170747
Action Type: ENFORCEMENT

JOHNSON PETROLEUM CONSTRUCTION (Continued) **S106127583**

Date: 07/22/2003
Action: Staff Letter

Global Id: T0606170747
Action Type: Other
Date: 02/28/2003
Action: Leak Stopped

Global Id: T0606170747
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606170747
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606170747
Action Type: RESPONSE
Date: 07/31/2008
Action: Soil and Water Investigation Report

Global Id: T0606170747
Action Type: RESPONSE
Date: 03/30/2012
Action: Soil and Water Investigation Workplan

Global Id: T0606170747
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0606170747
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0606170747
Action Type: RESPONSE
Date: 04/30/2013
Action: Request for Closure - Regulator Responded

LUST:
Global Id: T0606170747
Status: Completed - Case Closed
Status Date: 05/09/2014

Global Id: T0606170747
Status: Open - Case Begin Date
Status Date: 02/28/2003

Global Id: T0606170747
Status: Open - Eligible for Closure
Status Date: 09/03/2013

Global Id: T0606170747

JOHNSON PETROLEUM CONSTRUCTION (Continued) **S106127583**

Status: Open - Remediation
Status Date: 07/19/2012

Global Id: T0606170747
Status: Open - Site Assessment
Status Date: 07/18/2003

Global Id: T0606170747
Status: Open - Site Assessment
Status Date: 10/03/2003

Global Id: T0606170747
Status: Open - Site Assessment
Status Date: 02/17/2004

Global Id: T0606170747
Status: Open - Site Assessment
Status Date: 03/30/2007

Global Id: T0606170747
Status: Open - Site Assessment
Status Date: 01/08/2008

Global Id: T0606170747
Status: Open - Site Assessment
Status Date: 04/14/2008

Global Id: T0606170747
Status: Open - Verification Monitoring
Status Date: 09/19/2012

LUST REG 5:
Region: 5
Status: Pollution Characterization
Case Number: 310402
Case Type: Drinking Water Aquifer affected
Substance: KEROSENE
Staff Initials: PRS
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

CERS TANKS:
Site ID: 206060
CERS ID: T0606170747
Site Name: JOHNSON PETROLEUM CONSTRUCTION
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: CHRISTOPHER FLOWER - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 Sun Center Drive Suite 200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported

JOHNSON PETROLEUM CONSTRUCTION (Continued) **S106127583**

Affiliation Zip: Not reported
Affiliation Phone: 9164644836

H28 **BARKER HOTEL** **LUST** **S106162472**
SSE **300 LINCOLN STREET** **N/A**
1/4-1/2 **ROSEVILLE, CA 95678**
0.370 mi.
1955 ft. **Site 1 of 2 in cluster H**

Relative: LUST REG 5:
Lower
Region: 5
Actual: Status: Case Closed
157 ft. Case Number: 310406
Case Type: Undefined
Substance: HEATER FUEL
Staff Initials: PRS
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

H29 **PRIVATE RESIDENCE** **CERS** **S110654885**
SSE **PRIVATE RESIDENCE** **LUST** **N/A**
1/4-1/2 **ROSEVILLE, CA 95678**
0.382 mi.
2019 ft. **Site 2 of 2 in cluster H**

Relative: LUST:
Lower
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Actual: Case Type: LUST Cleanup Site
158 ft. Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606181155
Global Id: T0606181155
Latitude: 38.751205
Longitude: -121.28427
Status: Completed - Case Closed
Status Date: 06/04/2004
Case Worker: PRS
RB Case Number: 310406
Local Agency: ROSEVILLE, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Heating Oil / Fuel Oil
Site History: Not reported

LUST:
Global Id: T0606181155
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: psanders@waterboards.ca.gov
Phone Number: Not reported

LUST:

PRIVATE RESIDENCE (Continued) **S110654885**

Global Id: T0606181155
Action Type: RESPONSE
Date: 04/21/2006
Action: Other Report / Document

Global Id: T0606181155
Action Type: Other
Date: 02/24/2004
Action: Leak Reported

Global Id: T0606181155
Action Type: ENFORCEMENT
Date: 02/22/2006
Action: Staff Letter

Global Id: T0606181155
Action Type: REMEDIATION
Date: 02/24/2004
Action: Excavation

Global Id: T0606181155
Action Type: Other
Date: 02/24/2004
Action: Leak Discovery

Global Id: T0606181155
Action Type: Other
Date: 02/24/2004
Action: Leak Stopped

Global Id: T0606181155
Action Type: ENFORCEMENT
Date: 12/15/2005
Action: Staff Letter

LUST:
Global Id: T0606181155
Status: Completed - Case Closed
Status Date: 06/04/2004

Global Id: T0606181155
Status: Open - Case Begin Date
Status Date: 02/24/2004

Global Id: T0606181155
Status: Open - Site Assessment
Status Date: 02/24/2004

CERS TANKS:
Site ID: 209029
CERS ID: T0606181155
Site Name: PRIVATE RESIDENCE
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker

PRIVATE RESIDENCE (Continued) **S110654885**

Entity Name: PAUL SANDERS - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

---

30 WNW 1/4-1/2 0.402 mi. 2123 ft.

PLACER CO CORPORATION YARD **CERS S100942522**
200 CORPORATION YARD RD **LUST N/A**
ROSEVILLE, CA 95678 **HIST CORTESE**

Relative: Lower

Actual: 150 ft.

LUST:
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606100276
Global Id: T0606100276
Latitude: 38.75866912
Longitude: -121.297626929
Status: Completed - Case Closed
Status Date: 12/21/2010
Case Worker: PRS
RB Case Number: 310334
Local Agency: ROSEVILLE, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

LUST:
Global Id: T0606100276
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: psanders@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606100276
Contact Type: Local Agency Caseworker
Contact Name: THOMAS DODARO
Organization Name: ROSEVILLE, CITY OF
Address: 401 OAK STREET
City: ROSEVILLE

PLACER CO CORPORATION YARD (Continued) **S100942522**

Email: tdodaro@roseville.ca.us
Phone Number: Not reported

LUST:
Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 07/19/2004
Action: * Historical Enforcement

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 07/19/2004
Action: Staff Letter

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 05/12/2004
Action: * Historical Enforcement

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 02/04/2004
Action: * Historical Enforcement

Global Id: T0606100276
Action Type: Other
Date: 08/11/1997
Action: Leak Reported

Global Id: T0606100276
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 01/21/2005
Action: * Historical Enforcement

Global Id: T0606100276
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 05/11/2007

PLACER CO CORPORATION YARD (Continued) **S100942522**

Action: Soil and Water Investigation Workplan

Global Id: T0606100276
Action Type: RESPONSE
Date: 05/11/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 04/30/2008
Action: Soil and Water Investigation Report

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 07/22/2009
Action: Staff Letter

Global Id: T0606100276
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 09/28/2007
Action: Risk Assessment Report

Global Id: T0606100276
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 01/28/2003
Action: * Historical Enforcement

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 04/27/2005
Action: * Historical Enforcement

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 02/25/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 09/09/2010
Action: Staff Letter

PLACER CO CORPORATION YARD (Continued) **S100942522**

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 10/11/2010
Action: Unauthorized Release Form

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 07/27/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 07/08/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 12/21/2010
Action: Closure/No Further Action Letter

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 06/30/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 10/07/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100276
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 02/07/2001
Action: Staff Letter

Global Id: T0606100276
Action Type: ENFORCEMENT

PLACER CO CORPORATION YARD (Continued) **S100942522**

Date: 02/08/2000
Action: Staff Letter

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 05/02/2000
Action: Staff Letter

Global Id: T0606100276
Action Type: REMEDIATION
Date: 04/01/2002
Action: Pump & Treat (P&T) Groundwater

Global Id: T0606100276
Action Type: REMEDIATION
Date: 08/06/2004
Action: Soil Vapor Extraction (SVE)

Global Id: T0606100276
Action Type: REMEDIATION
Date: 11/01/1997
Action: Excavation

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 08/29/2005
Action: * Historical Enforcement

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 08/30/2005
Action: Staff Letter

Global Id: T0606100276
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0606100276
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 02/01/2010
Action: Request for Closure

Global Id: T0606100276
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

PLACER CO CORPORATION YARD (Continued) **S100942522**

Global Id: T0606100276
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 08/07/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 02/07/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 03/14/2007
Action: Staff Letter

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 03/13/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 11/27/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100276
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 10/30/2004
Action: Interim Remedial Action Report

Global Id: T0606100276
Action Type: RESPONSE
Date: 10/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: RESPONSE

PLACER CO CORPORATION YARD (Continued) **S100942522**

Date: 12/10/2010
Action: Well Destruction Report

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 10/30/2003
Action: * Historical Enforcement

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 05/31/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100276
Action Type: Other
Date: 08/07/1997
Action: Leak Discovery

Global Id: T0606100276
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 08/04/2003
Action: * Historical Enforcement

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 08/01/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 05/20/2008
Action: Staff Letter

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 05/12/2003
Action: * Historical Enforcement

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 05/19/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606100276
Action Type: ENFORCEMENT
Date: 04/12/2000
Action: Staff Letter

Global Id: T0606100276
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

PLACER CO CORPORATION YARD (Continued) **S100942522**

Global Id: T0606100276
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0606100276
Status: Completed - Case Closed
Status Date: 12/21/2010

Global Id: T0606100276
Status: Open - Case Begin Date
Status Date: 08/07/1997

Global Id: T0606100276
Status: Open - Remediation
Status Date: 02/14/2002

Global Id: T0606100276
Status: Open - Remediation
Status Date: 04/30/2002

Global Id: T0606100276
Status: Open - Site Assessment
Status Date: 08/07/1997

Global Id: T0606100276
Status: Open - Site Assessment
Status Date: 11/03/1997

Global Id: T0606100276
Status: Open - Site Assessment
Status Date: 02/02/1998

Global Id: T0606100276
Status: Open - Site Assessment
Status Date: 05/16/2007

Global Id: T0606100276
Status: Open - Site Assessment
Status Date: 05/09/2008

Global Id: T0606100276
Status: Open - Verification Monitoring
Status Date: 10/15/2004

Global Id: T0606100276
Status: Open - Verification Monitoring
Status Date: 05/10/2008

LUST REG 5:
Region: 5
Status: Preliminary site assessment underway
Case Number: 310334
Case Type: Drinking Water Aquifer affected

PLACER CO CORPORATION YARD (Continued) **S100942522**

Substance: GASOLINE
Staff Initials: PRS
Lead Agency: Regional
Program: LUST
MTBE Code: 7

HIST CORTESE:
Region: CORTESE
Facility County Code: 31
Reg By: LTNKA
Reg Id: 310334

CERS TANKS:
Site ID: 223027
CERS ID: T0606100276
Site Name: PLACER CO CORPORATION YARD
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: PAUL SANDERS - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: THOMAS DODARO - ROSEVILLE, CITY OF
Entity Title: Not reported
Affiliation Address: 401 OAK STREET
Affiliation City: ROSEVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

I31 **TRIANGLE MARKET** **CERS** **S104403261**
SE **200 ATLANTIC AVE** **LUST** **N/A**
1/4-1/2 **ROSEVILLE, CA 95678** **HIST CORTESE**
0.449 mi.
2371 ft. **Site 1 of 2 in cluster I**

Relative:
Higher

Actual:
162 ft.

LUST:
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606100216
Global Id: T0606100216
Latitude: 38.751976
Longitude: -121.281096
Status: Completed - Case Closed
Status Date: 10/06/2003
Case Worker: PRS
RB Case Number: 310268

TRIANGLE MARKET (Continued) **S104403261**

Local Agency: ROSEVILLE, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0606100216
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: psanders@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606100216
Contact Type: Local Agency Caseworker
Contact Name: THOMAS DODARO
Organization Name: ROSEVILLE, CITY OF
Address: 401 OAK STREET
City: ROSEVILLE
Email: tdodaro@roseville.ca.us
Phone Number: Not reported

LUST:
Global Id: T0606100216
Action Type: Other
Date: 09/28/1993
Action: Leak Reported

Global Id: T0606100216
Action Type: ENFORCEMENT
Date: 11/25/2002
Action: Warning Letter

Global Id: T0606100216
Action Type: ENFORCEMENT
Date: 09/27/2002
Action: Staff Letter

Global Id: T0606100216
Action Type: ENFORCEMENT
Date: 08/24/2001
Action: Staff Letter

Global Id: T0606100216
Action Type: ENFORCEMENT
Date: 11/08/2000
Action: Staff Letter

Global Id: T0606100216
Action Type: ENFORCEMENT
Date: 08/13/2002
Action: Staff Letter

TRIANGLE MARKET (Continued) **S104403261**

Global Id: T0606100216
Action Type: RESPONSE
Date: 02/21/2003
Action: Other Report / Document

Global Id: T0606100216
Action Type: ENFORCEMENT
Date: 02/17/2003
Action: File review

Global Id: T0606100216
Action Type: RESPONSE
Date: 12/17/2002
Action: Other Report / Document

Global Id: T0606100216
Action Type: Other
Date: 12/02/1992
Action: Leak Discovery

Global Id: T0606100216
Action Type: RESPONSE
Date: 10/30/2003
Action: Unknown

Global Id: T0606100216
Action Type: ENFORCEMENT
Date: 10/06/2003
Action: Closure/No Further Action Letter

Global Id: T0606100216
Action Type: ENFORCEMENT
Date: 03/17/2003
Action: Staff Letter

Global Id: T0606100216
Action Type: ENFORCEMENT
Date: 02/16/2000
Action: Staff Letter

Global Id: T0606100216
Action Type: ENFORCEMENT
Date: 11/08/2000
Action: Staff Letter

Global Id: T0606100216
Action Type: ENFORCEMENT
Date: 11/08/2000
Action: * Historical Enforcement

LUST:
Global Id: T0606100216
Status: Completed - Case Closed
Status Date: 10/06/2003

Global Id: T0606100216
Status: Open - Case Begin Date

TRIANGLE MARKET (Continued) **S104403261**

Status Date: 12/02/1992

Global Id: T0606100216
Status: Open - Site Assessment
Status Date: 09/28/1993

LUST REG 5:
Region: 5
Status: Case Closed
Case Number: 310268
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: PRS
Lead Agency: Regional
Program: LUST
MTBE Code: 3

HIST CORTESE:
Region: CORTESE
Facility County Code: 31
Reg By: LTNKA
Reg Id: 310268

CERS TANKS:
Site ID: 187535
CERS ID: T0606100216
Site Name: TRIANGLE MARKET
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: PAUL SANDERS - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: THOMAS DODARO - ROSEVILLE, CITY OF
Entity Title: Not reported
Affiliation Address: 401 OAK STREET
Affiliation City: ROSEVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

32 ADELANTE HIGH SCHOOL **CERS S105954541**
ESE 350 ATLANTIC STREET **SCH N/A**
1/4-1/2 ROSEVILLE, CA 95678 **ENVIROSTOR**
0.455 mi.
2400 ft.

Relative: Higher

Actual: 165 ft.

ENVIROSTOR:

Facility ID:	31880003
Status:	No Further Action
Status Date:	06/12/2003
Site Code:	104255
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	0.25
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Northern California Schools & Santa Susana
Assembly:	06
Senate:	04
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	38.75272
Longitude:	-121.2798
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Asbestos Containing Materials (ACM Lead
Confirmed COC:	40001-NO 30013-NO No Contaminants found
Potential Description:	SOIL
Alias Name:	ADELANTE HIGH SCHOOL
Alias Type:	Alternate Name
Alias Name:	ROSEVILLE JNT UN USD-ADELANTE HIGH EXP
Alias Type:	Alternate Name
Alias Name:	ROSEVILLE JOINT UNION HIGH SCHL DISTRICT
Alias Type:	Alternate Name
Alias Name:	104255
Alias Type:	Project Code (Site Code)
Alias Name:	31880003
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	06/12/2003
Comments:	DTSC approved the Preliminary Endangerment Assessment (PEA). Based on the information presented in the PEA, neither an actual a potential release of hazardous material, nor the presence of naturally occurring hazardous material indicated at the site pose threat to human health or the environment under any land use. Therefore, DTSC concurred that no further environmental investigation or cleanup was required at this site, and approved the PEA.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1

ADELANTE HIGH SCHOOL (Continued) **S105954541**

Completed Date: 02/28/2002
Comments: Phase 1 Addendum 4/1/02. Phase 1 - Pursuant to an agreement between the Department of Toxic Substances Control (DTSC) and the California Department of Education, DTSC's Site Mitigation Program completed a review of a Phase 1 Environmental Assessment and has determined that a Preliminary Endangerment Assessment is required. The PEA will be Conducted under DTSC's oversight pursuant to agreements between DTSC and the pertinent school district. Any subsequent cleanup Activities (if needed) after the PEA would be conducted pursuant to agreements between DTSC and the School District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 03/29/2002
Comments: Phase 1 Addendum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 05/15/2002
Comments: DTSC entered into an Environmental Oversight Agreement (EOA) (Docket # HSA-A 01/02-125) with the pertinent school district to provide oversight for a Preliminary Endangerment Assessment (PEA) for this proposed school site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/10/2003
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:

Facility ID: 31880003
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.25
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Site Code: 104255

ADELANTE HIGH SCHOOL (Continued) **S105954541**

Assembly: 06
Senate: 04
Special Program Status: Not reported
Status: No Further Action
Status Date: 06/12/2003
Restricted Use: NO
Funding: School District
Latitude: 38.75272
Longitude: -121.2798
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Asbestos Containing Materials (ACM, Asbestos Containing Materials (ACM, Lead
Confirmed COC: 40001-NO, 30013-NO, No Contaminants found
Potential Description: SOIL
Alias Name: ADELANTE HIGH SCHOOL
Alias Type: Alternate Name
Alias Name: ROSEVILLE JNT UN USD-ADELANTE HIGH EXP
Alias Type: Alternate Name
Alias Name: ROSEVILLE JOINT UNION HIGH SCHL DISTRICT
Alias Type: Alternate Name
Alias Name: 104255
Alias Type: Project Code (Site Code)
Alias Name: 31880003
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/12/2003
Comments: DTSC approved the Preliminary Endangerment Assessment (PEA). Based on the information presented in the PEA, neither an actual a potential release of hazardous material, nor the presence of naturally occurring hazardous material indicated at the site pose threat to human health or the environment under any land use. Therefore, DTSC concurred that no further environmental investigation or cleanup was required at this site, and approved the PEA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/28/2002
Comments: Phase 1 Addendum 4/1/02. Phase 1 - Pursuant to an agreement between the Department of Toxic Substances Control (DTSC) and the California Department of Education, DTSC's Site Mitigation Program completed a review of a Phase 1 Environmental Assessment and has determined that a Preliminary Endangerment Assessment is required. The PEA will be Conducted under DTSC's oversight pursuant to agreements between DTSC and the pertinent school district. Any subsequent cleanup Activities (if needed) after the PEA would be conducted pursuant to agreements between DTSC and the School District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 03/29/2002
Comments: Phase 1 Addendum

ADELANTE HIGH SCHOOL (Continued) **S105954541**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 05/15/2002
Comments: DTSC entered into an Environmental Oversight Agreement (EOA) (Docket # HSA-A 01/02-125) with the pertinent school district to provide oversight for a Preliminary Endangerment Assessment (PEA) for this proposed school site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/10/2003
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

CERS TANKS:
Site ID: 334242
CERS ID: 31880003
Site Name: ADELANTE HIGH SCHOOL
CERS Description: School Investigation

Affiliation:
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: Not reported

I33 **ZAP TERMITE & PESTICIDE CONTROL CO** **SEMS-ARCHIVE** **1003878385**
SE **128 BRITTAIN ST** **N/A**
1/4-1/2 **ROSEVILLE, CA 95678**
0.481 mi.
2541 ft. **Site 2 of 2 in cluster I**

Relative:
Higher

Actual:
164 ft.

SEMS Archive:
Site ID: 0901649
EPA ID: CAD088852413
Cong District: 14
FIPS Code: 06061
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

ZAP TERMITE & PESTICIDE CONTROL CO (Continued) **1003878385**

SEMS Archive Detail:

Region:	09
Site ID:	0901649
EPA ID:	CAD088852413
Site Name:	ZAP TERMITE & PESTICIDE CONTROL CO
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1987-04-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0901649
EPA ID:	CAD088852413
Site Name:	ZAP TERMITE & PESTICIDE CONTROL CO
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1987-04-01 05:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901649
EPA ID:	CAD088852413
Site Name:	ZAP TERMITE & PESTICIDE CONTROL CO
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1984-06-01 05:00:00
Finish Date:	1984-06-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

34
South
1/4-1/2
0.489 mi.
2580 ft.

ATLANTIC STREET OVERCROSSING **LUST** **S110654851**
ATLANTIC AVE **N/A**
ROSEVILLE, CA 95678

Relative:
Higher

Actual:
162 ft.

LUST:

Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606100089

ATLANTIC STREET OVERCROSSING (Continued) **S110654851**

Global Id: T0606100089
Latitude: 38.7489334
Longitude: -121.2894455
Status: Completed - Case Closed
Status Date: 02/21/1997
Case Worker: PRS
RB Case Number: 310107
Local Agency: ROSEVILLE, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0606100089
Contact Type: Regional Board Caseworker
Contact Name: PAUL SANDERS
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: psanders@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606100089
Contact Type: Local Agency Caseworker
Contact Name: THOMAS DODARO
Organization Name: ROSEVILLE, CITY OF
Address: 401 OAK STREET
City: ROSEVILLE
Email: tdodaro@roseville.ca.us
Phone Number: Not reported

LUST:
Global Id: T0606100089
Action Type: Other
Date: 01/01/1991
Action: Leak Reported

LUST:
Global Id: T0606100089
Status: Completed - Case Closed
Status Date: 02/21/1997

Global Id: T0606100089
Status: Open - Case Begin Date
Status Date: 01/01/1991

J35 **TILLET CLEANERS (FORMER)** **CPS-SLIC** **S106230352**
SE **99 VERNON ST** **N/A**
1/4-1/2 **ROSEVILLE, CA**
0.490 mi.
2586 ft. **Site 1 of 3 in cluster J**

Relative:
Higher

Actual:
162 ft.

SLIC REG 5:
Region: 5
Facility Status: RI
Unit: Facility is a Spill or site
Pollutant: PCE
Lead Agency: DLL
Date Filed: / /
Report Date: / /
Date Added: Not reported
Date Closed: Not reported

J36 **TILLET CLEANERS (FORMER)** **CERS** **S106486556**
SE **97 VERNON STREET** **CPS-SLIC** **N/A**
1/4-1/2 **ROSEVILLE, CA**
0.498 mi.
2631 ft. **Site 2 of 3 in cluster J**

Relative:
Higher

Actual:
162 ft.

CPS-SLIC:
Site Name: TILLET CLEANERS (FORMER)
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 11/27/2000
Global Id: SLT5S2813318
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number: Not reported
Latitude: 38.750778323491
Longitude: -121.281359195709
Case Type: Cleanup Program Site
Case Worker: DPL
Local Agency: Not reported
RB Case Number: SLT5S281
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Tetrachloroethylene (PCE)
Site History: Dry cleaning operations impacted groundwater with tetrachloroethylene (PCE). A Phase II site investigation conducted in 2002 found PCE in soil samples at a maximum concentration of 0.017 milligrams per kilogram (mg/kg), in soil gas up to 5.3 micrograms per liter (ug/L) at a depth of 15 feet, and up to 68 ug/L in grab groundwater samples. PCE was detected at a maximum of 43 ug/L during the most recent sampling event, conducted in March 2005. Additional monitoring is needed at the site to determine whether PCE concentrations are decreasing, or whether remedial action will be necessary to meet water quality objectives. A work plan for a soil vapor venting system to reduce concentrations of PCE in soil vapor beneath the building was requested in 2014.

Click here to access the California GeoTracker records for this facility:

CERS TANKS:
Site ID: 234579
CERS ID: SLT5S2813318
Site Name: TILLET CLEANERS (FORMER)

TILLET CLEANERS (FORMER) (Continued) **S106486556**

CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DURIN LINDERHOLM - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 Sun Center Drive, Suite 200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9164644657

J37 **TILLET CLEANERS** **SEMS-ARCHIVE** **1003879492**
SE **97 VERNON ST.** **N/A**
1/4-1/2 **ROSEVILLE, CA 95678**
0.498 mi.
2631 ft. **Site 3 of 3 in cluster J**

Relative:
Higher

Actual:
162 ft.

SEMS Archive:
Site ID: 0903791
EPA ID: CAD983579616
Cong District: 14
FIPS Code: 06061
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 09
Site ID: 0903791
EPA ID: CAD983579616
Site Name: TILLET CLEANERS
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1991-06-10 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0903791
EPA ID: CAD983579616
Site Name: TILLET CLEANERS
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1991-06-10 04:00:00
Qual: N
Current Action Lead: EPA Perf

TILLET CLEANERS (Continued) **1003879492**

Region:	09
Site ID:	0903791
EPA ID:	CAD983579616
Site Name:	TILLET CLEANERS
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1990-11-20 05:00:00
Finish Date:	1990-11-20 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

---

38 **DELUXE CLEANERS** **CERS** **S105556908**
SSE **404 VERNON STREET** **CPS-SLIC** **N/A**
1/2-1 **ROSEVILLE, CA 95678** **ENVIROSTOR**
0.566 mi.
2987 ft.

Relative:
Lower

Actual:
156 ft.

ENVIROSTOR:

Facility ID:	31720002
Status:	Refer: RWQCB
Status Date:	04/12/2004
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Sacramento
Assembly:	06
Senate:	04
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	38.74811
Longitude:	-121.2857
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD981642507
Alias Type:	EPA Identification Number
Alias Name:	110002736193
Alias Type:	EPA (FRS #)
Alias Name:	SLT5S0133058
Alias Type:	GeoTracker Global ID
Alias Name:	31720002
Alias Type:	Envirostor ID Number

DELUXE CLEANERS (Continued) **S105556908**

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/18/1994
Comments: No agency is involved at the site currently. The RWQCB ceased work in 1991. PCE, TCE, and chloroform were detected in two municipal wells in the City of Roseville. These wells are located .25 miles from the site and are used as drinking water for emergencies and when there isn't enough surface water available. Three monitoring wells were installed at the site but haven't been monitored. A ground water plume exists in the city but the extent is unknown at this time. A PEA is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/22/1991
Comments: Dry cleaners has been in operation at this site since 1948. RWQCB samples of ground water from monitoring wells and soil gas survey indicate high levels of PCE & TCE under the facility. RWQCB has requested additional site characterization and assessment. RWQCB Lead site.

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

CPS-SLIC:
Site Name: DELUXE CLEANERS
Region: STATE
Facility Status: Open - Remediation
Status Date: 01/01/2000
Global Id: SLT5S0133058
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number: Not reported
Latitude: 38.7481995001511
Longitude: -121.285750077559
Case Type: Cleanup Program Site
Case Worker: SS
Local Agency: Not reported
RB Case Number: SLT5S013
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water), Well used for drinking water supply
Potential Contaminants of Concern: * Chlorinated Solvents - PCE
Site History: The site is located on Vernon Street between Grant and Taylor Streets in the old east downtown district of Roseville, California. the site consists of a former dry cleaning facility located within one of the series of commercial buildings with shared walls. These buildings are

DELUXE CLEANERS (Continued) **S105556908**

situated along the western side of Vernon Street. Deluxe Cleaners reportedly operated an on-site dry cleaning and clothing washing facility at 404 Vernon Street from 1948 to 1991. From 1948 until 1963, the dry cleaning operation included a dry cleanin g that used petroleum-based Stoddard solvent. According to the historical assessment reports, the solvent was reportedly stored in an underground storage tank (UST) behind the facility, which was plumbed to the cleaning equipment. The cleaning equipment was reportedly removed and the UST abandoned in place in 1963. From 1963 to 1991, Deluxe Cleaners used a tetrachloroethylene (PCE) based cleaning system, which included a dry cleaner unit attached to a PCE storage tank, a PCE cooker, and condenser, a dryer with an attached PCE reclamation unit, and a PCE vapor condenser. Deluxe Cleaners closed on May 1, 1991, and all dry cleaning and washing equipment was removed. The former boiler room sump was abandoned during 1991. The site was recently used as a thrift store, but now operates as an art gallery.

Click here to access the California GeoTracker records for this facility:

SLIC REG 5:

Region:	5
Facility Status:	Feasibility Study
Unit:	Facility is a Spill or site
Pollutant:	PCE
Lead Agency:	DLL
Date Filed:	/ /
Report Date:	/ /
Date Added:	Not reported
Date Closed:	Not reported

CERS TANKS:

Site ID:	203505
CERS ID:	SLT5S0133058
Site Name:	DELUXE CLEANERS
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	SIDDHARTH SEWALIA - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not reported
Affiliation Address:	11020 SUN CENTER DRIVE #200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

39
South
1/2-1
0.581 mi.
3068 ft.

HIGHWAY 65 BYPASS
ATLANTIC STREET AT TAYLOR RD INTERCHANGE
ROSEVILLE, CA 95678

ENVIROSTOR **S101481513**
N/A

Relative:
Lower

Actual:
157 ft.

ENVIROSTOR:

Facility ID:	31510001
Status:	Refer: RWQCB
Status Date:	12/01/1989
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Sacramento
Assembly:	Not reported
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	0
Longitude:	0
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	31510001
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	12/01/1989
Comments:	SITE SCREENING DONE CAL-TRANS ACQUIRED LAND TO BUILD AN INTERCHANGE. CONTAMINATED SOILS WERE REMOVED AND PLACED WITHIN THE STRUCTURE. RWQCB IS THE LEAD AGENCY, THEREFORE DHS PENDING STATUS.
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

40
East
1/2-1
0.630 mi.
3328 ft.

ROSEVILLE HIGH SCHOOL MODERIZATION
1 TIGER WAY
ROSEVILLE, CA 95678

SCH **S118756688**
ENVIROSTOR **N/A**

Relative:
Higher

Actual:
180 ft.

ENVIROSTOR:

Facility ID:	31820003
Status:	No Action Required
Status Date:	03/14/2003
Site Code:	104315
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	2
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Northern California Schools & Santa Susana
Assembly:	06
Senate:	04
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	38.757
Longitude:	-121.276
APN:	011-230-002-000
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	ROSEVILLE HIGH SCHOOL MODERNIZATION
Alias Type:	Alternate Name
Alias Name:	ROSEVILLE JOINT UNION HIGH SCHOOL DIST
Alias Type:	Alternate Name
Alias Name:	ROSEVILLE JT UHSD-ROSEVILLE HI SCL MODRN
Alias Type:	Alternate Name
Alias Name:	011-230-002-000
Alias Type:	APN
Alias Name:	104315
Alias Type:	Project Code (Site Code)
Alias Name:	31820003
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	03/07/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	03/14/2003
Comments:	Addendum required

Completed Area Name: PROJECT WIDE

ROSEVILLE HIGH SCHOOL MODERIZATION (Continued) **S118756688**

Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 03/14/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/30/2003
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:

Facility ID: 31820003
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Northern California Schools & Santa Susana
Site Code: 104315
Assembly: 06
Senate: 04
Special Program Status: Not reported
Status: No Action Required
Status Date: 03/14/2003
Restricted Use: NO
Funding: School District
Latitude: 38.757
Longitude: -121.276
APN: 011-230-002-000
Past Use: * EDUCATIONAL SERVICES
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: ROSEVILLE HIGH SCHOOL MODERNIZATION
Alias Type: Alternate Name
Alias Name: ROSEVILLE JOINT UNION HIGH SCHOOL DIST
Alias Type: Alternate Name
Alias Name: ROSEVILLE JT UHSD-ROSEVILLE HI SCL MODRN
Alias Type: Alternate Name
Alias Name: 011-230-002-000

ROSEVILLE HIGH SCHOOL MODERIZATION (Continued) **S118756688**

Alias Type: APN
Alias Name: 104315
Alias Type: Project Code (Site Code)
Alias Name: 31820003
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/07/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/14/2003
Comments: Addendum required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 03/14/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/30/2003
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

K41 **ADMINSTRATION BUILDING MODERIZATION SITE** **SCH** **S118756689**
East **129 BERRY STREET** **ENVIROSTOR** **N/A**
1/2-1 **ROSEVILLE, CA 95678**
0.684 mi.
3610 ft. **Site 1 of 2 in cluster K**

Relative:
Higher

Actual:
178 ft.

ENVIROSTOR:
Facility ID: 31820004
Status: No Action Required
Status Date: 06/04/2003
Site Code: 104342
Site Type: School Investigation
Site Type Detailed: School
Acres: 0.75
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC

ADMINSTRATION BUILDING MODERIZATION SITE (Continued) **S118756689**

Program Manager: Not reported
Supervisor: Juan Koponen
Division Branch: Northern California Schools & Santa Susana
Assembly: 06
Senate: 04
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 38.7574
Longitude: -121.2759
APN: NONE SPECIFIED
Past Use: * EDUCATIONAL SERVICES
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: ADMINISTRATION BUILDING MODERNIZATION
Alias Type: Alternate Name
Alias Name: ROSEVILLE JOINT UNION HIGH SD
Alias Type: Alternate Name
Alias Name: ROSEVILLE JT UHSD-ADMIN BLDG MODERN SITE
Alias Type: Alternate Name
Alias Name: 110002825587
Alias Type: EPA (FRS #)
Alias Name: 104342
Alias Type: Project Code (Site Code)
Alias Name: 31820004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/04/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/10/2003
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

ADMINSTRATION BUILDING MODERIZATION SITE (Continued) **S118756689**

SCH:

Facility ID:	31820004
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.75
National Priorities List:	NO
Cleanup Oversight Agencies:	DTSC
Lead Agency:	DTSC
Lead Agency Description:	* DTSC
Project Manager:	Not reported
Supervisor:	Juan Koponen
Division Branch:	Northern California Schools & Santa Susana
Site Code:	104342
Assembly:	06
Senate:	04
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	06/04/2003
Restricted Use:	NO
Funding:	School District
Latitude:	38.7574
Longitude:	-121.2759
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	ADMINISTRATION BUILDING MODERNIZATION
Alias Type:	Alternate Name
Alias Name:	ROSEVILLE JOINT UNION HIGH SD
Alias Type:	Alternate Name
Alias Name:	ROSEVILLE JT UHSD-ADMIN BLDG MODERN SITE
Alias Type:	Alternate Name
Alias Name:	110002825587
Alias Type:	EPA (FRS #)
Alias Name:	104342
Alias Type:	Project Code (Site Code)
Alias Name:	31820004
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	05/23/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	06/04/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

ADMINSTRATION BUILDING MODERIZATION SITE (Continued) **S118756689**

Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/10/2003
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

42
SSW
1/2-1
0.687 mi.
3629 ft.

SAL'S GARAGE
100 ELM STREET
ROSEVILLE, CA 95678

ENVIROSTOR **S101481515**
N/A

Relative:
Higher

Actual:
160 ft.

ENVIROSTOR:
Facility ID: 31750002
Status: Refer: Other Agency
Status Date: 08/24/1994
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Sacramento
Assembly: 06
Senate: 04
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 38.74676
Longitude: -121.2932
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: PLACER COUNTY GENERAL
Alias Type: Alternate Name
Alias Name: 31750002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/19/1994
Comments: Not reported

SAL'S GARAGE (Continued) **S101481515**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 08/24/1994
Comments: Sal's Garage is an auto repair facility operating for approximately 25 years. Past regulatory inspections reveal poor hazardous waste management practices and that waste oil and solvents have been disposed to the ground behind the facility and at an ajoining lot. Soil samples show lead, 420 parts per million (ppm) and zinc 220 ppm. Roseville Fire Department is lead agency.

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

K43 **ROSEVILLE HIGH SCHOOL/ALVES SITE ADD** **SCH** **S118756691**
East **134 BERRY STREET** **ENVIROSTOR** **N/A**
1/2-1 **ROSEVILLE, CA 95678**
0.717 mi.
3784 ft. **Site 2 of 2 in cluster K**

Relative:
Higher

Actual:
179 ft.

ENVIROSTOR:
Facility ID: 31880004
Status: No Action Required
Status Date: 11/02/2005
Site Code: 104468
Site Type: School Investigation
Site Type Detailed: School
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Jose Luevano
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Assembly: 06
Senate: 04
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 38.7579
Longitude: -121.2747
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Lead
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: ROSEVILLE JOINT UNION HSD-ROSEVILLE HS
Alias Type: Alternate Name
Alias Name: 104468
Alias Type: Project Code (Site Code)

ROSEVILLE HIGH SCHOOL/ALVES SITE ADD (Continued) **S118756691**

Alias Name: 31880004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/04/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/09/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/14/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/27/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/09/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 11/02/2005
Comments: Phase 1 Addendum Aproval.

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:

Facility ID: 31880004
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1

ROSEVILLE HIGH SCHOOL/ALVES SITE ADD (Continued) **S118756691**

National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Jose Luevano
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Site Code: 104468
Assembly: 06
Senate: 04
Special Program Status: Not reported
Status: No Action Required
Status Date: 11/02/2005
Restricted Use: NO
Funding: School District
Latitude: 38.7579
Longitude: -121.2747
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Lead
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: ROSEVILLE JOINT UNION HSD-ROSEVILLE HS
Alias Type: Alternate Name
Alias Name: 104468
Alias Type: Project Code (Site Code)
Alias Name: 31880004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/04/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/09/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/14/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/27/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/09/2005

ROSEVILLE HIGH SCHOOL/ALVES SITE ADD (Continued) **S118756691**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 11/02/2005
Comments: Phase 1 Addendum Aproval.

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

44
South
1/2-1
0.816 mi.
4309 ft.

SP-ROSEVILLE: NORTH YARD
SP ROSEVILLE RAILYARD
ROSEVILLE, CA 95678

RESPONSE **S101272798**
HIST Cal-Sites **N/A**
HIST CORTESE
ENVIROSTOR
Cortese

Relative:
Lower

Actual:
153 ft.

AWP:
AWP Facility ID: 31400006
Region Code: 1
Region: SACRAMENTO
SMBR Branch Code: CC
SMBR Branch Unit: CENTRAL CALIFORNIA
Site Name.: Not reported
Current Status Date: 10011990
Current Status: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency Code: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: responsible party
Awp Site Type: RESPONSIBLE PARTY
NPL: Not Listed
Tier Of AWP Site: Not reported
Source Of Funding: F
Responsible Staff Member: TTSE
Supervisor Responsible: Not reported
SIC Code: 40
Facility SIC: RAILROAD TRANSPORTATION
RWQCB Code: Not reported
RWQCB Associated With Site: Not reported
Site Access Controlled: Not reported
Site Listed HWS List: Not reported
Hazard Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Of Contamination Sources: 1
Lat/Long: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Description Of Entity: Not reported
State Assembly Distt Code: 04
State Senate District: 01

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

RESPONSE:
Facility ID: 31400006
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 234
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, RWQCB 5S - Central Valley
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Thomas Tse
Supervisor: Fernando A. Amador
Division Branch: Cleanup Sacramento
Site Code: 100138
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 06
Senate: 04
Special Program Status: Not reported
Status: Active
Status Date: 10/01/1990
Restricted Use: NO
Funding: Responsible Party
Latitude: 38.7473
Longitude: -121.2883
APN: NONE SPECIFIED
Past Use: FUEL - VEHICLE STORAGE/ REFUELING, FUEL TERMINALS, RAIL ROAD MAINTENANCE SHOP
Potential COC : Lead Tetrachloroethylene (PCE TPH-diesel Trichloroethylene (TCE Vinyl chloride Antimony and compounds 1,1-Dichloroethane 1,2-Dichloroethane (EDC 1,1-Dichloroethylene 1,2-Dichloroethylene (cis Not reported
Confirmed COC: Lead Tetrachloroethylene (PCE TPH-diesel Vinyl chloride 1,1-Dichloroethane 1,2-Dichloroethane (EDC 1,1-Dichloroethylene 1,2-Dichloroethylene (cis
Potential Description: OTH, SOIL
Alias Name: SOUTHERN PACIFIC TRANSPORTATION CO
Alias Type: Alternate Name
Alias Name: SP-ROSEVILLE: DIESEL SHOP
Alias Type: Alternate Name
Alias Name: SPTC ROSEVILLE
Alias Type: Alternate Name
Alias Name: 110033617824
Alias Type: EPA (FRS #)
Alias Name: P14024
Alias Type: PCode
Alias Name: 100138
Alias Type: Project Code (Site Code)
Alias Name: 31400005
Alias Type: Envirostor ID Number
Alias Name: 31400006
Alias Type: Envirostor ID Number
Alias Name: 31400007
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2016

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Comments: FY 2016-2017 Annual Oversight Cost Estimate Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/27/2017
Comments: FY 17/18 Annual Oversight Cost Estimate Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/22/2018
Comments: 2018/2019 Annual Oversight Cost Estimate Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/30/2013
Comments: Request for Site Schedule for Completion of Remedial Activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 03/27/2001
Comments: RAP - Approval of Remedial Action Plan for the Diesel Shop Operable Unit. Soil containing total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs) lead and antimony will be excavated and transported off-site for disposal. Remaining VOCs soil contamination will be extracted with an on-site soil vapor extraction system and treated with either a catalytic oxidizer or granular activated carbon. Groundwater will be extracted and treated with an air stripper and the existing on-site industrial waste water treatment plant. Investigation conducted during the preparation of the Remedial Design for the Diesel Shop Operable Unit determined the contamination is more extensive and requires additional investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 05/14/1999
Comments: DTSC has approved the Remedial Investigation/Feasibility Study (RI/FS) report for the Diesel Shop operable unit at the Southern Pacific/Union Pacific Roseville Rail Yard. The RI/FS provides the results of site characterization, baseline risk assessment, and the evaluation of remedial technologies for the clean-up of total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs) in soil and shallow ground water. In the FS, SP/UP pro- poses to remediate soil and ground using a combination of tech- nologies including: soil vapor extraction, ground water extrac- tion, catalytic oxidation treatment, excavation with off-site disposal, source controls, storm water management, ground water monitiring, and institutional controls.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 10/31/1990

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Comments: A Public Participation Plan has been approved for the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 11/27/2006
Comments: Workplan proposed to install ten monitoring wells to assess the free product in the vicinity of the Diesel Servicing Facility Area. Install four borings at the former diesel above ground storage tanks and one boring at the former sludge drying bed area to investigate these areas for contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/31/2007
Comments: RP completed field activities. They are waiting for the lab results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/15/2008
Comments: A report summarize the result of the soil and groundwater investigation conducted in January 2007 at the Diesel Servicing Facility Area, former Above Ground Storage Tank Area and the Sludge Drying Bed Area of the North Yard Operable Unit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/01/2010
Comments: Investigation of the Light Non-aqueous Phase Liquids a the North Yard Operable Unit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/22/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/15/2008
Comments: Review of Data Gap Analysis Report prepared for the North Yard Operable Unit. The report presents the assessment of existing environmental data, describe the current conditions of the Site and provide recommendation for additional characterization at the operable unit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 10/27/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 05/18/2009
Comments: A report summarizing the result of the Phase I investigation and proposing phase II investigation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/23/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/06/2011
Comments: Track Reconstruction Soil Sample Results

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/01/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/31/2013
Comments: 2012 Semi-annual Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/01/2013
Comments: 2012 Annual Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2013
Comments: 2013 Groundwater Monitoring Report for the Roseville Railyard Site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/18/2014
Comments: 2013 2nd Semiannual Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/29/2014
Comments: Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Completed Date: 03/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/01/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/10/2016
Comments: Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/30/2016
Comments: 2016 Semiannual Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/28/2017
Comments: 2016 Annual Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/30/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/20/2017
Comments: Dec. 3, 2016 Derailment - Diesel Release Response Summary Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/31/2018
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Design/Implementation Workplan
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Future Document Type:	Remedial Action Plan
Future Due Date:	2020
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Remedial Action Completion Report
Future Due Date:	2021
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Site Characterization Report
Future Due Date:	2020
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	CEQA - Initial Study/ Environmental Impact Report
Future Due Date:	2019
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Remedial Investigation Report
Schedule Due Date:	03/28/2019
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Fact Sheets
Schedule Due Date:	06/15/2019
Schedule Revised Date:	Not reported

ENVIROSTOR:

Facility ID:	31400006
Status:	Active
Status Date:	10/01/1990
Site Code:	100138
Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	234
NPL:	NO
Regulatory Agencies:	SMBRP, RWQCB 5S - Central Valley
Lead Agency:	SMBRP
Program Manager:	Thomas Tse
Supervisor:	Fernando A. Amador
Division Branch:	Cleanup Sacramento
Assembly:	06
Senate:	04
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	38.7473
Longitude:	-121.2883
APN:	NONE SPECIFIED
Past Use:	FUEL - VEHICLE STORAGE/ REFUELING, FUEL TERMINALS, RAIL ROAD MAINTENANCE SHOP
Potential COC:	Lead Tetrachloroethylene (PCE TPH-diesel Trichloroethylene (TCE Vinyl chloride Antimony and compounds 1,1-Dichloroethane 1,2-Dichloroethane (EDC 1,1-Dichloroethylene 1,2-Dichloroethylene (cis Not reported
Confirmed COC:	Lead Tetrachloroethylene (PCE TPH-diesel Vinyl chloride 1,1-Dichloroethane 1,2-Dichloroethane (EDC 1,1-Dichloroethylene 1,2-Dichloroethylene (cis

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Potential Description: OTH, SOIL
Alias Name: SOUTHERN PACIFIC TRANSPORTATION CO
Alias Type: Alternate Name
Alias Name: SP-ROSEVILLE: DIESEL SHOP
Alias Type: Alternate Name
Alias Name: SPTC ROSEVILLE
Alias Type: Alternate Name
Alias Name: 110033617824
Alias Type: EPA (FRS #)
Alias Name: P14024
Alias Type: PCode
Alias Name: 100138
Alias Type: Project Code (Site Code)
Alias Name: 31400005
Alias Type: Envirostor ID Number
Alias Name: 31400006
Alias Type: Envirostor ID Number
Alias Name: 31400007
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2016
Comments: FY 2016-2017 Annual Oversight Cost Estimate Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/27/2017
Comments: FY 17/18 Annual Oversight Cost Estimate Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/22/2018
Comments: 2018/2019 Annual Oversight Cost Estimate Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/30/2013
Comments: Request for Site Schedule for Completion of Remedial Activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 03/27/2001
Comments: RAP - Approval of Remedial Action Plan for the Diesel Shop Operable Unit. Soil containing total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs) lead and antimony will be excavated and transported off-site for disposal. Remaining VOCs soil contamination will be extracted with an on-site soil vapor extraction system and treated with either a catalytic oxidizer or granular activated carbon. Groundwater will be extracted and treated with an air stripper and the existing on-site industrial waste water treatment plant. Investigation conducted during the preparation of the Remedial

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Design for the Diesel Shop Operable Unit determined the contamination is more extensive and requires additional investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 05/14/1999
Comments: DTSC has approved the Remedial Investigation/Feasibility Study (RI/FS) report for the Diesel Shop operable unit at the Southern Pacific/Union Pacific Roseville Rail Yard. The RI/FS provides the results of site characterization, baseline risk assessment, and the evaluation of remedial technologies for the clean-up of total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs) in soil and shallow ground water. In the FS, SP/UP pro- poses to remediate soil and ground using a combination of tech- nologies including: soil vapor extraction, ground water extrac- tion, catalytic oxidation treatment, excavation with off-site disposal, source controls, storm water management, ground water monitiring, and institutional controls.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 10/31/1990
Comments: A Public Participation Plan has been approved for the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 11/27/2006
Comments: Workplan proposed to install ten monitoring wells to assess the free product in the vicinity of the Diesel Servicing Facility Area. Install four borings at the former diesel above ground storage tanks and one boring at the former sludge drying bed area to investigate these areas for contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/31/2007
Comments: RP completed field activities. They are waiting for the lab results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/15/2008
Comments: A report summarize the result of the soil and groundwater investigation conducted in January 2007 at the Diesel Servicing Facility Area, former Above Ground Storage Tank Area and the Sludge Drying Bed Area of the North Yard Operable Unit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/01/2010
Comments: Investigation of the Light Non-aqueous Phase Liquids a the North Yard Operable Unit.

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/22/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/15/2008
Comments: Review of Data Gap Analysis Report prepared for the North Yard Operable Unit. The report presents the assessment of existing environmental data, describe the current conditions of the Site and provide recommendation for additional characterization at the operable unit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 10/27/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 05/18/2009
Comments: A report summarizing the result of the Phase I investigation and proposing phase II investigation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/23/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/06/2011
Comments: Track Reconstruction Soil Sample Results

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/01/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/31/2013
Comments: 2012 Semi-annual Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/01/2013

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Comments: 2012 Annual Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2013
Comments: 2013 Groundwater Monitoring Report for the Roseville Railyard Site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/18/2014
Comments: 2013 2nd Semiannual Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/29/2014
Comments: Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/01/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/10/2016
Comments: Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/30/2016
Comments: 2016 Semiannual Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/28/2017
Comments: 2016 Annual Groundwater Monitoring Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/30/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/20/2017
Comments: Dec. 3, 2016 Derailment - Diesel Release Response Summary Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/31/2018
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Design/Implementation Workplan
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Plan
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Completion Report
Future Due Date: 2021
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Site Characterization Report
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: CEQA - Initial Study/ Environmental Impact Report
Future Due Date: 2019
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Remedial Investigation Report
Schedule Due Date: 03/28/2019
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Fact Sheets
Schedule Due Date: 06/15/2019
Schedule Revised Date: Not reported

Calsite:
Region: SACRAMENTO
Facility ID: 31400006
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: CC
Branch Name: CENTRAL CALIFORNIA
File Name: Not reported
State Senate District: 10011990

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 40
SIC Name: RAILROAD TRANSPORTATION
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: TTSE
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 04
State Senate District Code: 01
Facility ID: 31400006
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 07312005
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 31400006
Activity: PPP
Activity Name: PUBLIC PARTICIPATION PLAN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 10311990
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 31400006
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 05141999
Est Person-Yrs to complete: 0.28000
Estimated Size: M
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 31400006
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 03272001
Est Person-Yrs to complete: 0
Estimated Size: M
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 31400006
Activity: DES
Activity Name: DESIGN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 07312007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: M
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 31400006
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 07312008
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 31400006
Activity: OM
Activity Name: OPERATION & MAINTENANCE
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 07302037

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 31400006
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 07312009
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 31400006
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 07312006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	INTERSECTION OF ATKINSON AND CHURCH
Alternate City,St,Zip:	ROSEVILLE, CA 95678
Alternate Address:	SP ROSEVILLE RAILYARD
Alternate City,St,Zip:	ROSEVILLE, CA 95678
Background Info:	The Southern Pacific Transportation Company's (SPTC) Diesel Shop is a separate operable unit within the boundries of the Roseville Railyard facility. (see, Southern Pacific-Roseville, Overall Site). SPTC was purchased by Union Pacific Railroad in 1997, but DTSC file will continue to identify the site as SP-Roseville. The Diesel Shop operable unit, consisting of a locomotive maintenance and repair shop and related structures, has been part of an active railyard for more than 80 years. Large quantities of fuel, lubrication oils and solvents were used at the site. Spillage of these substances resulted in extensive soil and groundwater contamination. The shallow groundwater underlying the Diesel Shop area is contaminated with diesel fuel and chlorinated solvents. The Diesel Shop was part of the Roseville Railyard NPL site. When EPA delisted the Roseville Railyard, SPTC entered negotiations with DTSC. DTSC issued a Consent Order to SPTC to investigate and remediate contamination throughout the Roseville Railyard, including the Diesel Shop site. The RWQCB has had involvement in the environmental activities at the Diesel Shop Operable Unit.
Comments Date:	03272001
Comments:	RAP - Approval of Remedial Action Plan. Soil containing
Comments Date:	03272001
Comments:	total petroleum hydrocarbons (TPH), volatile organic
Comments Date:	03272001
Comments:	compounds (VOCs) lead and antimony will be excavated and
Comments Date:	03272001
Comments:	transported off-site for disposal. Remaining VOCs soil
Comments Date:	03272001
Comments:	contamination will be extracted with an on-site soil vapor
Comments Date:	03272001
Comments:	extraction system and treated with either a catalytic oxidizer or
Comments Date:	03272001
Comments:	granular activated carbon. Groundwater will be extracted and
Comments Date:	03272001
Comments:	treated with an air stripper and the existing on-site industrial
Comments Date:	03272001
Comments:	waste water treatment plant.
Comments Date:	05141999
Comments:	DTSC has approved the Remedial Investigation/Feasibility Study
Comments Date:	05141999
Comments:	(RI/FS) report for the Diesel Shop operable unit at the Southern
Comments Date:	05141999
Comments:	Pacific/Union Pacific Roseville Rail Yard. The RI/FS provides

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

Comments Date: 05141999
Comments: the results of site characterization, baseline risk assessment,
Comments Date: 05141999
Comments: and the evaluation of remedial technologies for the clean-up of
Comments Date: 05141999
Comments: total petroleum hydrocarbons (TPH) and volatile organic compounds
Comments Date: 05141999
Comments: (VOCs) in soil and shallow ground water. In the FS, SP/UP pro-
Comments Date: 05141999
Comments: poses to remediate soil and ground using a combination of tech-
Comments Date: 05141999
Comments: nologies including: soil vapor extraction, ground water extrac-
Comments Date: 05141999
Comments: tion, catalytic oxidation treatment, excavation with off-site
Comments Date: 05141999
Comments: disposal, source controls, storm water management, ground water
Comments Date: 05141999
Comments: monitiring, and institutional controls.
Comments Date: 07251991
Comments: Part of an active railyard, site consists of a locomotive
Comments Date: 07251991
Comments: maintenance and repair shop. Contaminants include diesel
Comments Date: 07251991
Comments: fuel and chlorinated solvents.
ID Name: BEP DATABASE PCODE
ID Value: P14024
ID Name: CALSTARS CODE
ID Value: 100138
Alternate Name: SOUTHERN PACIFIC TRANSPORTATION CO
Alternate Name: SPTC ROSEVILLE
Alternate Name: SP-ROSEVILLE: DIESEL SHOP
Alternate Name: SP-ROSEVILLE: NORTH YARD
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

CORTESE:
Region: CORTESE
Envirostor Id: 31400006
Global ID: Not reported
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE
Status Date: 10/01/1990
Site Code: 100138
Latitude: 38.7473
Longitude: -121.2883
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: 31
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

SP-ROSEVILLE: NORTH YARD (Continued) **S101272798**

File Name: Haz Waste & Substances Sites

HIST CORTESE:
Region: CORTESE
Facility County Code: 31
Reg By: CALSI
Reg Id: 31400007

Count: 3 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PLACER CITY	1003878014	ROSEVILLE DRUMS	MODOC RD 10 MI N OF ROSEVILLE	95678	SEMS-ARCHIVE
ROSEVILLE	S100351302	SPENCE/VERMILLION TIRE FIRE	BERRY STREET (APN 015-100-30 &	95678	ENVIROSTOR
ROSEVILLE	S106230350	UNION PACIFIC RAILROAD-ROSEVILLE R	ROSEVILLE RD & VERNON ST		CPS-SLIC

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/15/2019
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: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 34

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 34

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/22/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 41

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/07/2019
Next Scheduled EDR Contact: 05/27/2019
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: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 06/10/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 21

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/12/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 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: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/11/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 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: Varies

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 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
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: Quarterly

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: Semi-Annually

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: Varies

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: Semi-Annually

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: Semi-Annually

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: Semi-Annually

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: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/11/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/18/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: Quarterly

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: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 11/07/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 34
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
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: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/19/2019
Next Scheduled EDR Contact: 07/01/2019
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: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 05/27/2019
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: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

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: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
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: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
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: 01/28/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
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: 12/31/2017
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
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: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 04/15/2019
Number of Days to Update: 52

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 32

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
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: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 27

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
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: 02/08/2019
Date Data Arrived at EDR: 02/08/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 41

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
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: 10/24/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 40

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
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: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
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: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/27/2019
Next Scheduled EDR Contact: 07/08/2019
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: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 04/03/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 05/27/2019
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: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
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: 02/08/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/08/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/22/2019
Next Scheduled EDR Contact: 07/01/2019
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: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
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: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 06/17/2019
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: 02/01/2019
Date Data Arrived at EDR: 02/14/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 05/20/2019
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: 09/14/2018
Date Data Arrived at EDR: 10/11/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 57

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
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: 04/08/2019
Next Scheduled EDR Contact: 07/22/2019
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: Quarterly

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: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/07/2019
Next Scheduled EDR Contact: 06/17/2019
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: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
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: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
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: 01/02/2019
Date Data Arrived at EDR: 01/03/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 71
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
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: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
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: 12/31/2018
Date Data Arrived at EDR: 02/11/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 38

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 07/22/2019
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: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
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: 04/11/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
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: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/22/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/14/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/10/2019
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: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
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: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/21/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 10

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 03/01/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/03/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/09/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/21/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 39

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/26/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 04/18/2019
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 11

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 01/23/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 34

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/26/2019
Next Scheduled EDR Contact: 05/27/2019
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: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
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: 12/13/2018
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 47

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Annually

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: 03/19/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 04/09/2019
Number of Days to Update: 18

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 03/22/2019
Next Scheduled EDR Contact: 06/10/2019
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: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/22/2019
Next Scheduled EDR Contact: 07/01/2019
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: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/10/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 14

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/11/2019
Next Scheduled EDR Contact: 05/27/2019
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: 12/31/2017
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/20/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 13

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
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: 02/19/2019
Date Data Arrived at EDR: 02/20/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/20/2019
Next Scheduled EDR Contact: 06/03/2019
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: 01/07/2019
Date Data Arrived at EDR: 01/08/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 56

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/09/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
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: 02/20/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 23
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/12/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/05/2019
Number of Days to Update: 31
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 41
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/18/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
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: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/12/2019
Next Scheduled EDR Contact: 07/22/2019
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: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Quarterly

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
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: 03/05/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
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: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/11/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

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: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
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: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
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: 04/22/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/07/2019
Date Data Arrived at EDR: 01/08/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 59

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 01/07/2019
Date Data Arrived at EDR: 01/08/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 58

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
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: 04/08/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 01/24/2019
Date Data Arrived at EDR: 01/25/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 39

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
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: 02/14/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 17

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 28

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
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: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/18/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 41

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/28/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
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: 02/14/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 14

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/12/2019
Number of Days to Update: 28

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/17/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 03/18/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/19/2018
Date Data Arrived at EDR: 01/10/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 56

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/14/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/30/2019
Date Data Arrived at EDR: 02/01/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 34

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/16/2019
Next Scheduled EDR Contact: 07/29/2019
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: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Semi-Annually

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: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 28

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 02/20/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 13

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/15/2019
Next Scheduled EDR Contact: 06/03/2019
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: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 08/31/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 19

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 03/18/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 34

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 26

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 04/01/2019
Next Scheduled EDR Contact: 07/15/2019
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: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
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: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 01/25/2019
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 35

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 01/02/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 26

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 01/02/2019
Date Data Arrived at EDR: 02/08/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 26

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/04/2019
Next Scheduled EDR Contact: 05/20/2019
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2019
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/05/2019
Next Scheduled EDR Contact: 05/20/2019
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: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/12/2019
Number of Days to Update: 42

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 01/14/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/18/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/29/2019
Date Data Arrived at EDR: 01/31/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 36
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/18/2019
Next Scheduled EDR Contact: 07/01/2019
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: 11/07/2018
Date Data Arrived at EDR: 01/04/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 60
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
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: 11/07/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 67
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/02/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
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: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 33
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/19/2019
Next Scheduled EDR Contact: 05/20/2019
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: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 03/06/2019
Date Data Arrived at EDR: 03/06/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 54

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
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: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

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: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/18/2019
Next Scheduled EDR Contact: 07/01/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 02/15/2019
Date Made Active in Reports: 03/14/2019
Number of Days to Update: 27

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
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: 03/04/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
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: 12/13/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/23/2019
Number of Days to Update: 36

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 06/24/2019
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: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Varies

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/13/2019
Date Data Arrived at EDR: 02/19/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 15

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
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: 02/21/2019
Next Scheduled EDR Contact: 06/10/2019
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 01/30/2019
Date Data Arrived at EDR: 02/01/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 34

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
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: 02/13/2019
Next Scheduled EDR Contact: 06/03/2019
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: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 53

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 27

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/25/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/08/2019
Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 33

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/27/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 28

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/18/2019
Date Data Arrived at EDR: 01/23/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 42

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/22/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 12/27/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 19

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/31/2019
Next Scheduled EDR Contact: 05/20/2019
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: 05/02/2019
Next Scheduled EDR Contact: 08/05/2019
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: 12/26/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 02/28/2019
Number of Days to Update: 35

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/05/2019
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: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Annually

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: 02/07/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: Quarterly

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: 12/26/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 42
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/05/2019
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: 02/26/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/03/2019
Number of Days to Update: 21
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/13/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 01/03/2019
Date Made Active in Reports: 01/16/2019
Number of Days to Update: 13
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/29/2019
Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 02/08/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/06/2019
Number of Days to Update: 22
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
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: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/12/2019
Next Scheduled EDR Contact: 05/27/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/10/2019
Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/30/2019
Date Made Active in Reports: 02/14/2019
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/15/2019
Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/19/2019
Next Scheduled EDR Contact: 06/03/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/11/2019
Next Scheduled EDR Contact: 06/24/2019
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
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 PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

ï¿½ 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

WASHINGTON BLVD AT ALL AMERICA CITY BLVD RNDABT
WASHINGTON BLVD/ALL AMERICA CITY BLVD/LINCOLN ST
ROSEVILLE, CA 95678

TARGET PROPERTY COORDINATES

Latitude (North):	38.757188 - 38° 45' 25.88''
Longitude (West):	121.288591 - 121° 17' 18.93''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	648707.7
UTM Y (Meters):	4291015.0
Elevation:	160 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5619746 ROSEVILLE, CA
Version Date:	2012
South Map:	5619692 CITRUS HEIGHTS, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

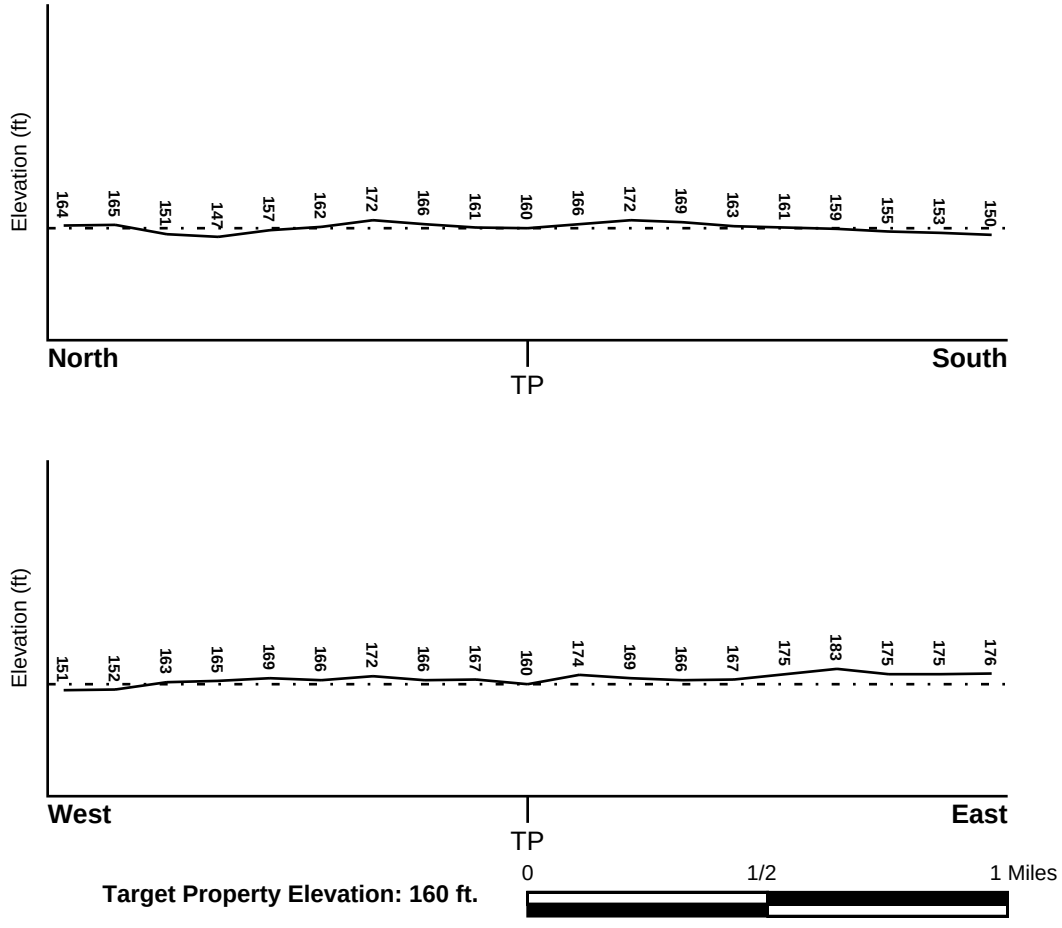
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
0602430016D	FEMA Q3 Flood data

Additional Panels in search area:	FEMA Source Type
0602430008D	FEMA Q3 Flood data
06067C0081H	FEMA FIRM Flood data
06067C0082H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
ROSEVILLE	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

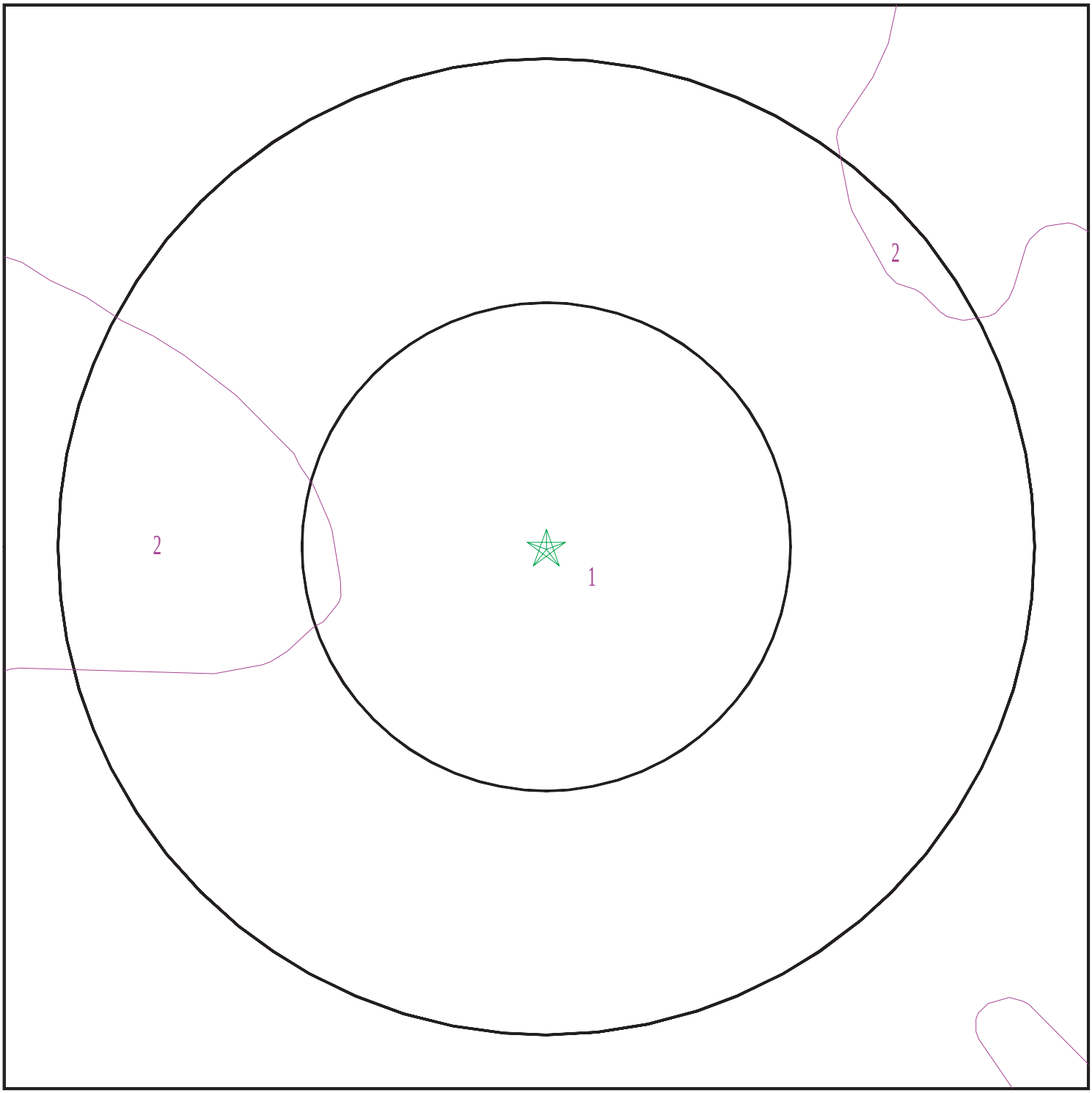
Era:	Cenozoic
System:	Tertiary
Series:	Pliocene
Code:	Tpc *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Continental Deposits

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 - 5642154.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Washington Blvd At All America City Blvd Rndabt	CLIENT:	Kimley Horn & Associates, Inc.
ADDRESS:	Washington Blvd/All America City Blvd/Lincoln St Roseville CA 95678	CONTACT:	Casey Schooner
LAT/LONG:	38.757188 / 121.288591	INQUIRY #:	5642154.2s
		DATE:	May 14, 2019 2:19 pm

Copyright © 2019 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: COMETA

Soil Surface Texture: sandy 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: 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	18 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.3 Min: 6.6
2	18 inches	29 inches	clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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: 7.3 Min: 6.6
3	29 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.3 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: COMETA

Soil Surface Texture: sandy 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: 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	18 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.3 Min: 6.6
2	18 inches	29 inches	clay	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	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: 7.3 Min: 6.6
3	29 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.3 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

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
1	USGS40000190123	1/8 - 1/4 Mile North
3	USGS40000190128	1/4 - 1/2 Mile NNE
A6	USGS40000190081	1/2 - 1 Mile South
B8	USGS40000190098	1/2 - 1 Mile ESE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

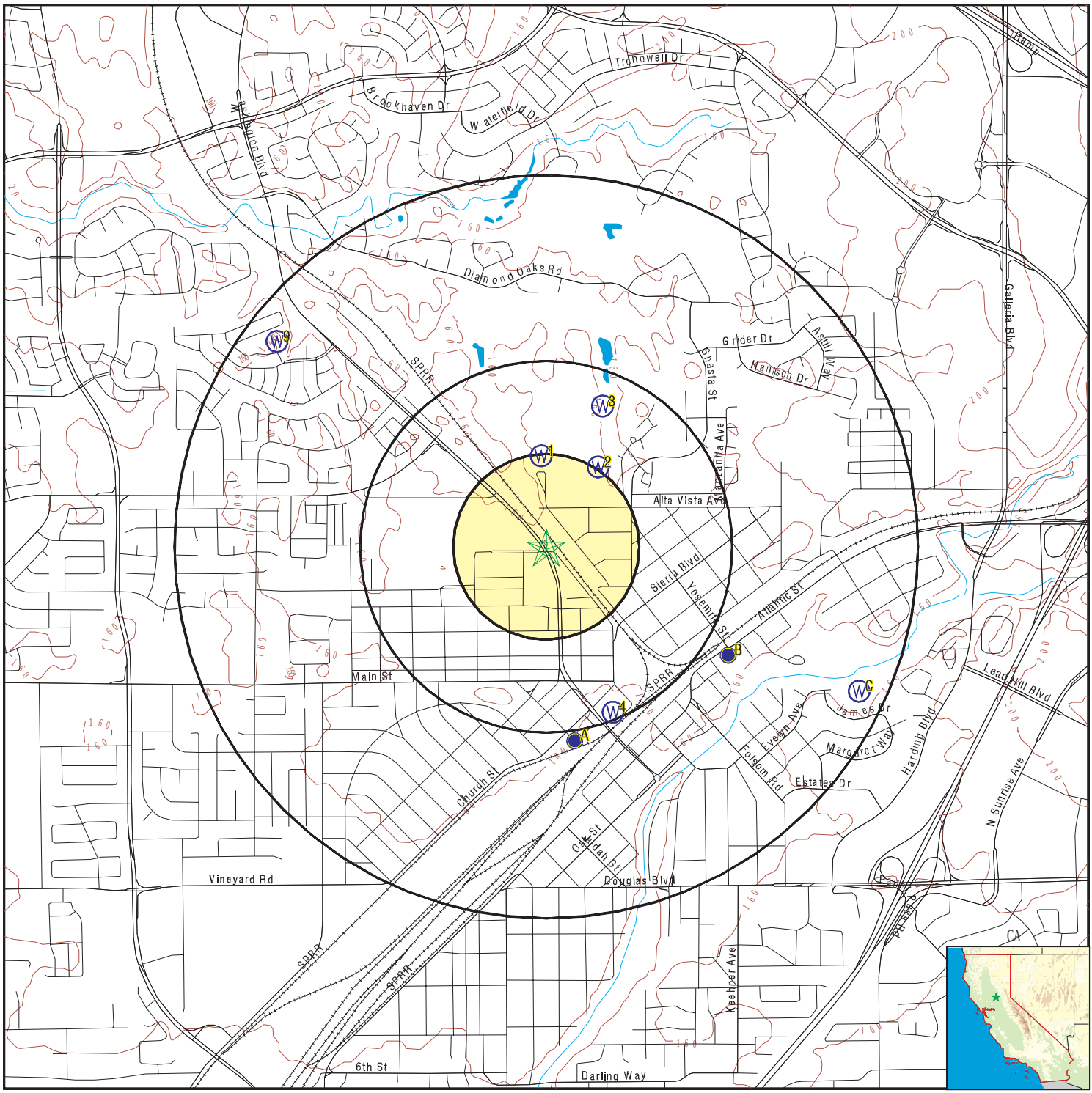
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	CADWR8000039060	1/4 - 1/2 Mile NNE
4	9880	1/4 - 1/2 Mile SSE
A5	9879	1/2 - 1 Mile South
B7	10373	1/2 - 1 Mile ESE
9	CADWR8000039086	1/2 - 1 Mile NW
C10	CADWR8000039041	1/2 - 1 Mile ESE
C11	CADWR8000039039	1/2 - 1 Mile ESE
C12	CADWR8000039037	1/2 - 1 Mile ESE
C13	CADWR8000039038	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 5642154.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Washington Blvd At All America City Blvd Rndabt	CLIENT:	Kimley Horn & Associates, Inc.
ADDRESS:	Washington Blvd/All America City Blvd/Lincoln St Roseville CA 95678	CONTACT:	Casey Schooner
LAT/LONG:	38.757188 / 121.288591	INQUIRY #:	5642154.2s
		DATE:	May 14, 2019 2:18 pm

Copyright © 2019 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
North
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000190123**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	011N006E34B001M	Type:	Well
Description:	Not Reported	HUC:	18020111
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:	19520627	Well Depth:	220
Well Depth Units:	ft	Well Hole Depth:	420
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1982-07-13
Feet below surface:	145.06	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1952-06-27	Feet below surface:	95.00
Feet to sea level:	Not Reported	Note:	Not Reported

2
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR8000039060**

State Well #:	11N06E34H001M	Station ID:	11924
Well Name:	Not Reported	Well Use:	Irrigation
Well Type:	Unknown	Well Depth:	280
Basin Name:	North American	Well Completion Rpt #:	15197

3
NNE
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000190128**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	011N006E34H001M	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:	19731128	Well Depth:	280
Well Depth Units:	ft	Well Hole Depth:	401
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1973-11-28
Feet below surface:	110.00	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

4
SSE
1/4 - 1/2 Mile
Lower

CA WELLS **9880**

Seq:	9880	Prim sta c:	10N/06E-02J02 M
Frds no:	3110008005	County:	31
District:	09	User id:	TEN
System no:	3110008	Water type:	G
Source nam:	WELL 03 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	384503.0	Longitude:	1211703.0
Precision:	3	Status:	IR
Comment 1:	NORTH OF PACIFIC ST. NEAR TUNNEL. BEFORE CHLORINATION.		
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:	3110008	System nam:	Roseville, City of
Hqname:	Not Reported	Address:	316 Vernon Street
City:	Roseville	State:	CA
Zip:	95678	Zip ext:	Not Reported
Pop serv:	47000	Connection:	23687
Area serve:	ROSEVILLE		

A5
South
1/2 - 1 Mile
Higher

CA WELLS **9879**

Seq:	9879	Prim sta c:	10N/06E-02B01 M
Frds no:	3110008004	County:	31
District:	09	User id:	TEN
System no:	3110008	Water type:	G
Source nam:	WELL 02 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	384500.0	Longitude:	1211710.0
Precision:	3	Status:	IR
Comment 1:	SAMPLED AT WELL HEAD	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:	3110008	System nam:	Roseville, City of
Hqname:	Not Reported	Address:	316 Vernon Street
City:	Roseville	State:	CA
Zip:	95678	Zip ext:	Not Reported
Pop serv:	47000	Connection:	23687
Area serve:	ROSEVILLE		

A6
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000190081**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	010N006E02K001M	Type:	Well
Description:	Not Reported	HUC:	18020111
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:	19471101	Well Depth:	198
Well Depth Units:	ft	Well Hole Depth:	245
Well Hole Depth Units:	ft		

B7
ESE
1/2 - 1 Mile
Higher

CA WELLS **10373**

Seq:	10373	Prim sta c:	11N/06E-35P01 M
Frds no:	3110008003	County:	31
District:	09	User id:	TEN
System no:	3110008	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	384511.0	Longitude:	1211643.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3110008	System nam:	Roseville, City of
Hqname:	Not Reported	Address:	316 Vernon Street
City:	Roseville	State:	CA
Zip:	95678	Zip ext:	Not Reported
Pop serv:	47000	Connection:	23687
Area serve:	ROSEVILLE		

B8
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000190098**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	011N006E35P001M	Type:	Well
Description:	Not Reported	HUC:	18020111
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:	19470101	Well Depth:	250
Well Depth Units:	ft	Well Hole Depth:	290
Well Hole Depth Units:	ft		

9
NW
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000039086**

State Well #:	11N06E34D001M	Station ID:	11923
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	320
Basin Name:	North American	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C10
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000039041**

State Well #:	Not Reported	Station ID:	51286
Well Name:	WPMW-9A	Well Use:	Observation
Well Type:	Single Well	Well Depth:	36
Basin Name:	North American	Well Completion Rpt #:	e0265735

C11
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000039039**

State Well #:	Not Reported	Station ID:	51289
Well Name:	WPMW-10C	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	260	Basin Name:	North American
Well Completion Rpt #:	e0265738		

C12
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000039037**

State Well #:	Not Reported	Station ID:	51287
Well Name:	WPMW-10A	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	36	Basin Name:	North American
Well Completion Rpt #:	e0265738		

C13
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000039038**

State Well #:	Not Reported	Station ID:	51288
Well Name:	WPMW-10B	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	100	Basin Name:	North American
Well Completion Rpt #:	e0265738		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95678	31	0

Federal EPA Radon Zone for PLACER County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95678

Number of sites tested: 9

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.022 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

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.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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 J

EDR Vapor Encroachment Screen

Washington Blvd At All America City Blvd Rndabt
Washington Blvd/All America City Blvd/Lincoln St
Roseville, CA 95678

Inquiry Number: 5642154.2s
May 14, 2019

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	**ES1**
Primary Map	**2**
Secondary Map	**3**
Map Findings	**4**
Record Sources and Currency	**GR-1**

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

This report contains information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANYSUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES.ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this report "AS IS". Any analyses, estimates, ratings, or risk codes provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can produce information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2019 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, Inc. 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 EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Federal NPL site list	1.0	0	0	0
Federal Delisted NPL site list	1.0	0	0	0
Federal CERCLIS list	0.5	0	0	0
Federal CERCLIS NFRAP site list	0.5	0	0	0
Federal RCRA CORRACTS facilities list	1.0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	0
Federal RCRA generators list	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	0.001	0	0	-
State- and tribal - equivalent NPL	1.0	0	0	0
State- and tribal - equivalent CERCLIS	1.0	0	0	0
State and tribal landfill and/or solid waste disposal site lists	0.5	0	0	0
State and tribal leaking storage tank lists	0.5	0	1	3
State and tribal registered storage tank lists	0.25	0	0	0
State and tribal institutional control / engineering control registries	not searched	-	-	-
State and tribal voluntary cleanup sites	0.5	0	0	0
State and tribal Brownfields sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS				
Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	1	2
Local Lists of Registered Storage Tanks	0.25	0	2	2
Local Land Records	0.5	0	0	0
Records of Emergency Release Reports	0.5	0	0	1
Other Ascertainable Records	1.0	0	4	6

EDR HIGH RISK HISTORICAL RECORDS				
EDR Exclusive Records	1.0	0	0	1
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	1
Exclusive Recovered Govt. Archives	0.001	0	0	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

WASHINGTON BLVD AT ALL AMERICA CITY BLVD RNDABT
WASHINGTON BLVD/ALL AMERICA CITY BLVD/LINCOLN ST
ROSEVILLE, CA 95678

COORDINATES

Latitude (North):	38.757188 - 38° 45′ 25.872803″
Longitude (West):	121.288591 - 121° 17′ 18.92212″
Elevation:	160 ft. above sea level

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
SOUTHERN PACIFIC PIPELINES- ROSEVILLE STATION CPS-SLIC: CPS-SLIC	PACIFIC AND SUNSET	<1/10 N	▲ 2	10
A MART CERS: CERS LUST: LUST HIST CORTESE: HIST CORTESE HIST UST: HIST UST	510 WASHINGTON ST	1/10 - 1/3 SSE	▲ B8	78
CAIRNY PROPERTY CERS: CERS LUST: LUST EMI: EMI CHMIRS: CHMIRS HIST CORTESE: HIST CORTESE Cortese: CORTESE	412 LINCOLN ST	1/10 - 1/3 SSE	▲ G11	105
CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PR CERS: CERS LUST: LUST	101-108 CHURCH STREET	1/10 - 1/3 SSE	▲ G12	125

ADDITIONAL ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
STORAGE DIRECT @ ROSEVILLE FINDS: FINDS	798 WASHINGTON BLVD	<1/10 NW	▲ 1	9
PLACER COUNTY FAIR ASSOCIATION CIWQS: CIWQS HIST UST: HIST UST HAZNET: HAZNET NPDES: NPDES	800 ALL AMERICA CITY BLVD	<1/10 W	▲ A3	10
PLACER COUNTY FAIR ASSOCIATION HAZNET: HAZNET HIST UST: HIST UST	800 ALL AMERICA CITY BOULEVARD	<1/10 W	▲ A4	16
PLACER COUNTY FAIR AND EVENTS CENTER CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE	800 ALL AMERICA CITY BLVD	<1/10 W	▲ A5	18
HIRA PETROLEUM CERS: CERS CERS TANKS: CERS TANKS HAZNET: HAZNET CERS HAZ WASTE: CERS HAZ WASTE	510 WASHINGTON BLVD	1/10 - 1/3 SSE	▲ B6	26
A MART	510 WASHINGTON ST	1/10 - 1/3 SSE	▲ B8	78

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
CERS: CERS LUST: LUST HIST CORTESE: HIST CORTESE HIST UST: HIST UST				
BUBBA'S AUTO CARE CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE	310 WASHINGTON BLVD	1/10 - 1/3 S	▲ F9	94
FINGERS CLASS III LF CLOSURE WDS: WDS Cortese: CORTESE	Not Reported	1/10 - 1/3 S	▲ F10	104
CAIRNY PROPERTY CERS: CERS LUST: LUST EMI: EMI CHMIRS: CHMIRS HIST CORTESE: HIST CORTESE Cortese: CORTESE	412 LINCOLN ST	1/10 - 1/3 SSE	▲ G11	105
CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PR CERS: CERS LUST: LUST	101-108 CHURCH STREET	1/10 - 1/3 SSE	▲ G12	125

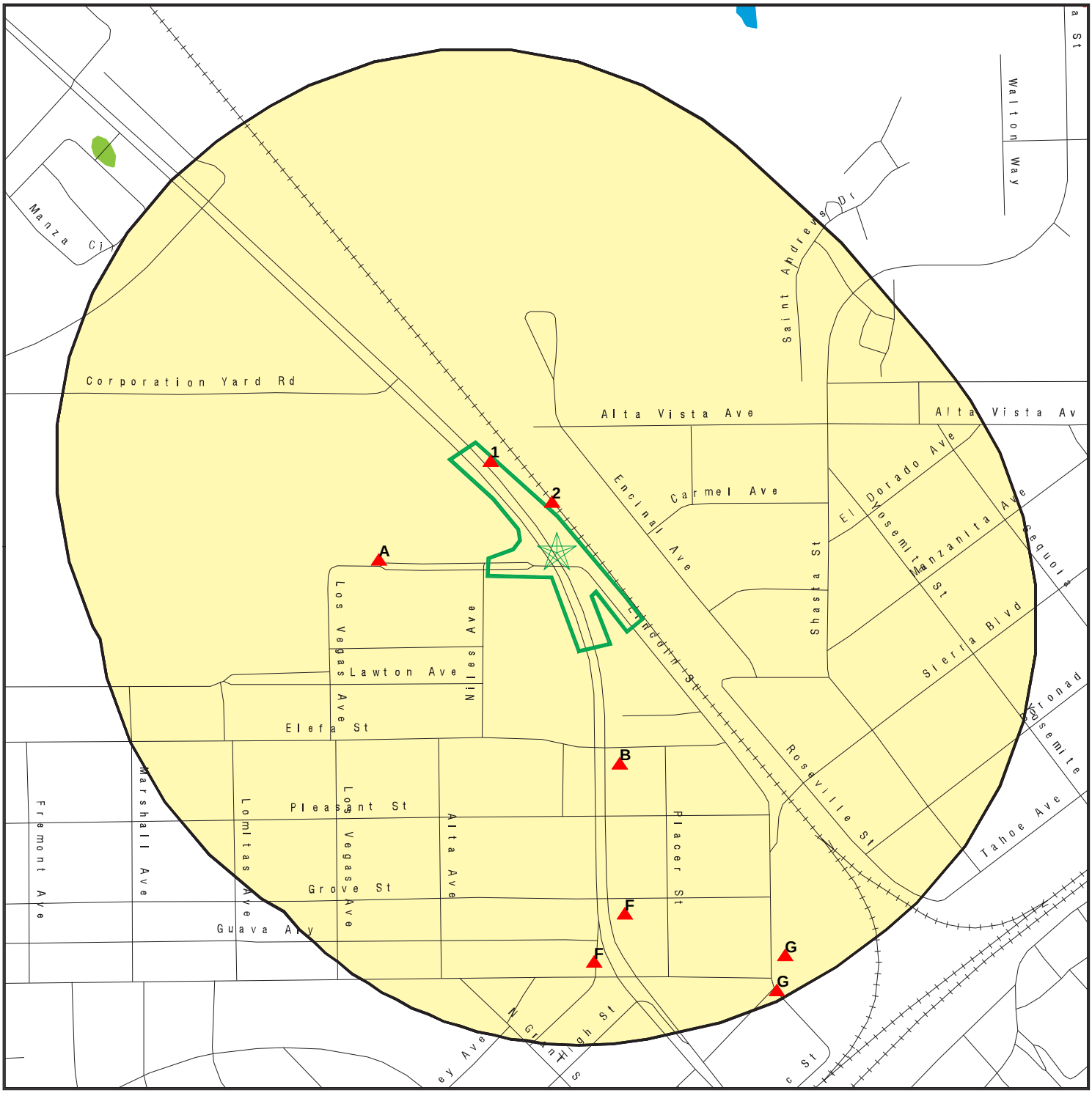
EDR HIGH RISK HISTORICAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
HIRA PETROLEUM EDR Hist Auto: EDR Hist Auto	510 WASHINGTON BLVD	1/10 - 1/3 SSE	▲ B7	77

EDR RECOVERED GOVERNMENT ARCHIVES

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

PRIMARY MAP - 5642154.2S



0 300 1/3 Miles

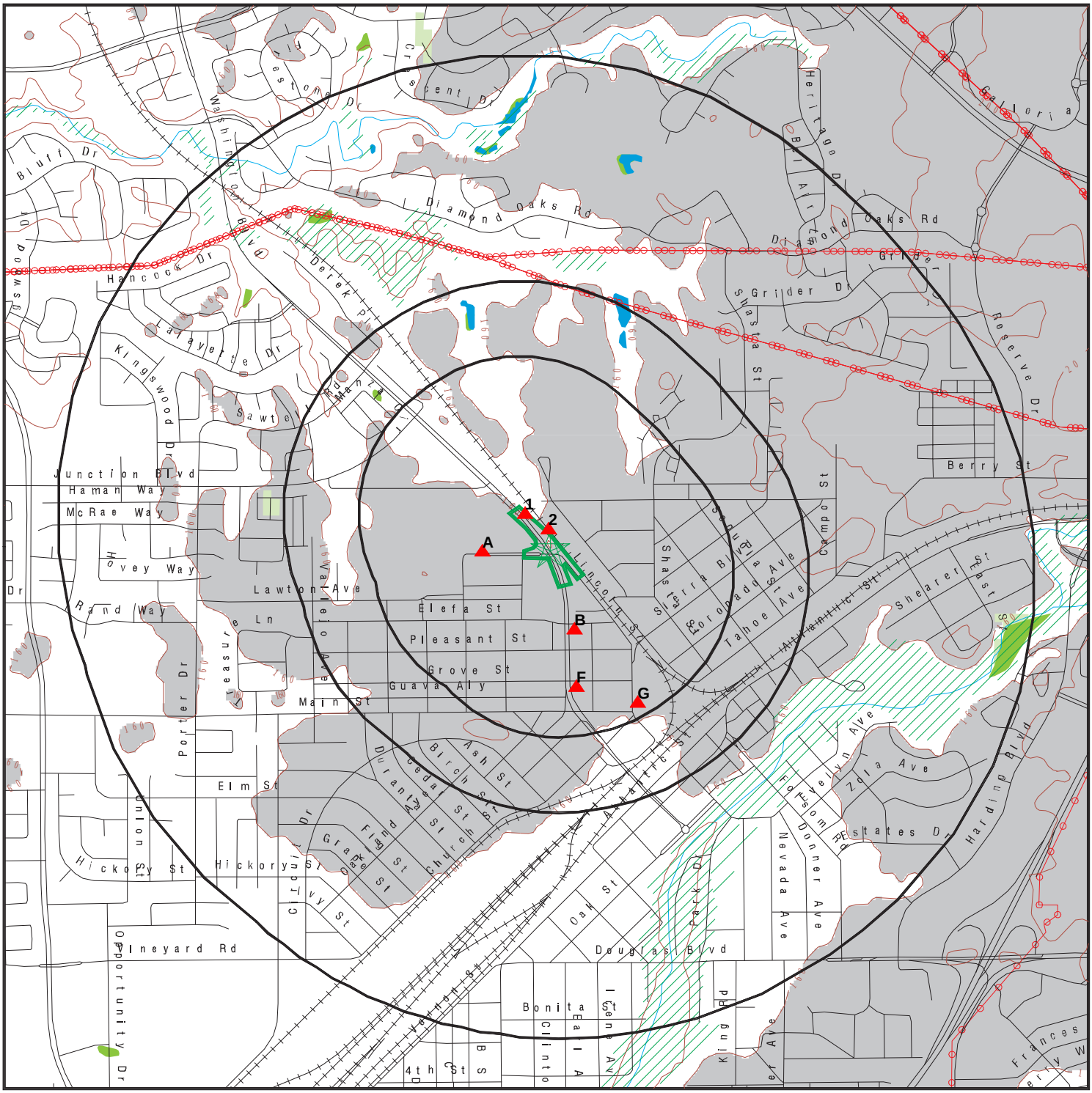
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- 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:	Washington Blvd At All America City Blvd Rndabt	CLIENT:	Kimley Horn & Associates, Inc.
ADDRESS:	Washington Blvd/All America City Blvd/Lincoln St Roseville CA 95678	CONTACT:	Casey Schooner
LAT/LONG:	38.757188 / 121.288591	INQUIRY #:	5642154.2s
		DATE:	May 14, 2019 2:14 pm

Copyright © 2019 EDR, Inc. © 2015 TomTom Rel. 2015.

SECONDARY MAP - 5642154.2S



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:	Washington Blvd At All America City Blvd Rndabt	CLIENT:	Kimley Horn & Associates, Inc.
ADDRESS:	Washington Blvd/All America City Blvd/Lincoln St Roseville CA 95678	CONTACT:	Casey Schooner
LAT/LONG:	38.757188 / 121.288591	INQUIRY #:	5642154.2s
		DATE:	May 14, 2019 2:11 pm

Copyright © 2019 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS

LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**		EDR SITE ID NUMBER
◆ **MAP ID#**	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:
Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

STORAGE DIRECT @ ROSEVILLE 798 WASHINGTON BLVD, ROSEVILLE, CA, 95678			1023273390
▲ 1	NW <1/10	(0 ft. / 0 mi.)	Other Ascertainable Records
	Equal Elevation	160 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Not Applicable: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

AQUIFLOW: YES

Preferential Pathway:

Utility corridor: YES

FINDS: Other Ascertainable Records

Registry ID: 110065635138

Environmental Interest/Information System:

STATE MASTER

The Click here to access additional Click here to access additional FINDS: detail in the EDR Site Report. detail in the EDR Site Report. database contains
http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6Lll6eKZLRVBlCFglSzP3bw3erlsKgwFZ4cOA9D6R.MqVBzOBrlN4TZECMyAFbCLgRtI38ThS0C9zNOmPmwc4ibQbMj3wcnf3tY689oUrlIulPyTsJGF3JetgclxwzD5Fmpk99SS4t8kcblHO3wJ58EU9uR.DWmE69qG6iF9LoyTlKqRlJlK358mevPEK0bcZBUQ90OvRreYVum.Br6R3veEC6p0FvOFgSXu8KtxS.byzHAcPz4l4wmjbRPcwgi73FsK7qCLrLZ3lEuHsBlL45k9g1xxwql3F6xnCYZY4Gq8c5ZtO3mX6.hnLLnVlC3glZSl4a7reHWHKCCSZQ1H3zXCRhHZVENCBZ108KrCCb3OFSr.g.xD9.v4SnS0zHVZPexs7blPbIqnwKR83yUU51cTr8.JlDzKsbf14lPXgChbwfZpFXjk8nrW4UMDc.GWO5iD7FOw99JpDWCw6Jtj26Q5.WMkMulUqFOm5.ewB04WzzzGOkgDvzVlrlwbl9x6NYvo6OUJLRSIlHHRlzgR4KbVeeScKiJxZvPd3WqoRmAsVwlSBa8P4sqRCCMbFsDUgtzi31M4S4uOzxPKPlAC5qBqbXUWwjnV3ZA56r5Pr4SRl9y9sWyh5h4Rg0PmwghlFhp5Anri4LD8cCGOOAtl6gd99.DJDQQF6Zri66Qc.ODaMZ7.qyxKCV4nBOijzfFlOqgE3bc8rX5MlC.eNyPM3 additional records for this site. Please contact your EDR Account Executive for more information.

SOUTHERN PACIFIC PIPELINES- ROSEVILLE STATION PACIFIC AND SUNSET, ROSEVILLE, CA,			S106842898
▲ 2	N <1/10	(25 ft. / 0.005 mi.)	State and tribal leaking storage tank lists
	3 ft. Higher Elevation	163 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist
Conditions:

Not Applicable: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

AQUIFLOW: YES

SLIC REG 5: State and tribal leaking storage tank lists

Region:	5
Facility Status:	Not Reported
Unit:	Facility is a Spill or site
Pollutant:	Not Reported
Lead Agency:	Not Reported
Date Filed:	/ /
Report Date:	/ /
Date Added:	Not Reported
Date Closed:	Not Reported

PLACER COUNTY FAIR ASSOCIATION 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA, 95678			U001613850
▲ A3	W <1/10	(489 ft. / 0.093 mi.)	Local Lists of Registered Storage Tanks Other Ascertainable Records
	3 ft. Higher Elevation	163 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist
Conditions:

Not Applicable: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

AQUIFLOW: YES

HIST UST: Other Ascertainable Records

File Number:	Not Reported
URL:	Not Reported
Region:	STATE
Facility ID:	00000056336
Facility Type:	Other
Other Type:	FAIRGROUNDS
Contact Name:	RUBEN MARTINEZ, SECRETARY-MANA

PLACER COUNTY FAIR ASSOCIATION, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

Telephone:	9167862023
Owner Name:	PLACER COUNTY FAIR ASSOCIATION
Owner Address:	800 ALL AMERICA CITY BOULEVARD
Owner City,St,Zip:	ROSEVILLE, CA 95678
Total Tanks:	0002
Tank Num:	001
Container Num:	#1
Year Installed:	Not Reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not Reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	#2
Year Installed:	Not Reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not Reported
Leak Detection:	Stock Inventor

HAZNET:

Site Name:	COUNTY OF PLACER
Year:	2017
GEPAID:	CAC002920306
Contact:	ERIC FINDLAY
Telephone:	5308864944
Mailing Name:	Not Reported
Mailing Address:	11476 C AVENUE
Mailing City,St,Zip:	AUBURN, CA 95603
Gen County:	Placer
TSD EPA ID:	CAD982042475
TSD County:	Solano
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Asbestos containing waste
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Placer

NPDES:

Facility Status:	Terminated
NPDES Number:	CAS000002
Region:	5S
Agency Number:	0
Regulatory Measure ID:	490462

PLACER COUNTY FAIR ASSOCIATION, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

Place ID:	Not Reported
Order Number:	2009-0009-DWQ
WDID:	5S31C381019
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not Reported
Effective Date Of Regulatory Measure:	09/08/2017
Termination Date Of Regulatory Measure:	07/17/2018
Expiration Date Of Regulatory Measure:	Not Reported
Discharge Address:	2204 Plaza Drive Suite 110
Discharge Name:	Placer Valley Tourism
Discharge City:	Rocklin
Discharge State:	California
Discharge Zip:	95765
Status:	Not Reported
Status Date:	Not Reported
Operator Name:	Not Reported
Operator Address:	Not Reported
Operator City:	Not Reported
Operator State:	Not Reported
Operator Zip:	Not Reported

NPDES as of 03/2018:

NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	5S
Regulatory Measure ID:	490462
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not Reported
WDID:	5S31C381019
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not Reported
Effective Date Of Regulatory Measure:	09/08/2017
Expiration Date Of Regulatory Measure:	Not Reported
Termination Date Of Regulatory Measure:	Not Reported
Discharge Name:	Placer Valley Tourism
Discharge Address:	2204 Plaza Drive Suite 110
Discharge City:	Rocklin
Discharge State:	California
Discharge Zip:	95765
Received Date:	Not Reported
Processed Date:	Not Reported
Status:	Not Reported

PLACER COUNTY FAIR ASSOCIATION, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

Status Date:	Not Reported
Place Size:	Not Reported
Place Size Unit:	Not Reported
Contact:	Not Reported
Contact Title:	Not Reported
Contact Phone:	Not Reported
Contact Phone Ext:	Not Reported
Contact Email:	Not Reported
Operator Name:	Not Reported
Operator Address:	Not Reported
Operator City:	Not Reported
Operator State:	Not Reported
Operator Zip:	Not Reported
Operator Contact:	Not Reported
Operator Contact Title:	Not Reported
Operator Contact Phone:	Not Reported
Operator Contact Phone Ext:	Not Reported
Operator Contact Email:	Not Reported
Operator Type:	Not Reported
Developer:	Not Reported
Developer Address:	Not Reported
Developer City:	Not Reported
Developer State:	Not Reported
Developer Zip:	Not Reported
Developer Contact:	Not Reported
Developer Contact Title:	Not Reported
Constype Linear Utility Ind:	Not Reported
Emergency Phone:	Not Reported
Emergency Phone Ext:	Not Reported
Constype Above Ground Ind:	Not Reported
Constype Below Ground Ind:	Not Reported
Constype Cable Line Ind:	Not Reported
Constype Comm Line Ind:	Not Reported
Constype Commertial Ind:	Not Reported
Constype Electrical Line Ind:	Not Reported
Constype Gas Line Ind:	Not Reported
Constype Industrial Ind:	Not Reported
Constype Other Description:	Not Reported
Constype Other Ind:	Not Reported
Constype Recons Ind:	Not Reported
Constype Residential Ind:	Not Reported
Constype Transport Ind:	Not Reported
Constype Utility Description:	Not Reported
Constype Utility Ind:	Not Reported
Constype Water Sewer Ind:	Not Reported
Dir Discharge Uswater Ind:	Not Reported
Receiving Water Name:	Not Reported
Certifier:	Not Reported
Certifier Title:	Not Reported
Certification Date:	Not Reported

PLACER COUNTY FAIR ASSOCIATION, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

Primary Sic:	Not Reported
Secondary Sic:	Not Reported
Tertiary Sic:	Not Reported
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:	5S31C381019
Regulatory Measure Type:	Construction
Program Type:	Not Reported
Adoption Date Of Regulatory Measure:	Not Reported
Effective Date Of Regulatory Measure:	Not Reported
Termination Date Of Regulatory Measure:	Not Reported
Expiration Date Of Regulatory Measure:	Not Reported
Discharge Address:	Not Reported
Discharge Name:	Not Reported
Discharge City:	Not Reported
Discharge State:	Not Reported
Discharge Zip:	Not Reported
Status:	Terminated
Status Date:	07/26/2018
Operator Name:	Placer Valley Tourism
Operator Address:	2204 Plaza Drive Suite 110
Operator City:	Rocklin
Operator State:	California
Operator Zip:	95765

NPDES as of 03/2018:

NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	5S
Regulatory Measure ID:	490462
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not Reported
WDID:	5S31C381019
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not Reported
Effective Date Of Regulatory Measure:	09/08/2017
Expiration Date Of Regulatory Measure:	Not Reported

PLACER COUNTY FAIR ASSOCIATION, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

Termination Date Of Regulatory Measure:	Not Reported
Discharge Name:	Placer Valley Tourism
Discharge Address:	2204 Plaza Drive Suite 110
Discharge City:	Rocklin
Discharge State:	California
Discharge Zip:	95765
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

PLACER COUNTY FAIR ASSOCIATION, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

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:

Agency:	Placer Valley Tourism
Agency Address:	2204 Plaza Drive Suite 110, Rocklin, CA 95765
Place/Project Type:	Construction
SIC/NAICS:	Not Reported
Region:	5S
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	5S31C381019
NPDES Number:	CAS000002
Adoption Date:	Not Reported
Effective Date:	09/08/2017
Termination Date:	07/17/2018
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:	38.75759
Longitude:	-121.29048

PLACER COUNTY FAIR ASSOCIATION 800 ALL AMERICA CITY BOULEVARD, ROSEVILLE, CA, 95678			S113057772
▲ A4	W <1/10	(489 ft. / 0.093 mi.)	Local Lists of Registered Storage Tanks Other Ascertainable Records
	3 ft. Higher Elevation	163 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Exists
Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

AQUIFLOW: YES

Preferential Pathway:

Utility corridor: YES

HIST UST: Other Ascertainable Records

File Number:	0001F312
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F312.pdf
Region:	Not Reported
Facility ID:	Not Reported
Facility Type:	Not Reported
Other Type:	Not Reported
Contact Name:	Not Reported
Telephone:	Not Reported
Owner Name:	Not Reported
Owner Address:	Not Reported
Owner City,St,Zip:	Not Reported
Total Tanks:	Not Reported
Tank Num:	Not Reported
Container Num:	Not Reported
Year Installed:	Not Reported
Tank Capacity:	Not Reported
Tank Used for:	Not Reported
Type of Fuel:	Not Reported
Container Construction Thickness:	Not Reported
Leak Detection:	Not Reported
Click here for Geo Tracker PDF:	http://www.web.edrnet.com/ordering/switchboard/redirect.aspx?s=GRR_CA_HISTUST_PDF&img_id=0001F312

HAZNET:

Site Name:	PLACER COUNTY FAIR
Year:	2009
GEPAID:	CAL000094356
Contact:	RICK POPPERT
Telephone:	9167827904
Mailing Name:	Not Reported
Mailing Address:	800 ALL AMERICA CITY BLVD
Mailing City,St,Zip:	ROSEVILLE, CA 956781564
Gen County:	Not Reported
TSD EPA ID:	CAD008302903
TSD County:	Not Reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.374
Cat Decode:	Not Reported
Method Decode:	Not Reported
Facility County:	Placer

PLACER COUNTY FAIR ASSOCIATION, 800 ALL AMERICA CITY BOULEVARD, ROSEVILLE, CA 95678 (Continued)

PLACER COUNTY FAIR AND EVENTS CENTER 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA, 95678			S121745212
▲ A5	W <1/10	(489 ft. / 0.093 mi.)	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records
	3 ft. Higher Elevation	163 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Not Applicable: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

AQUIFLOW: YES

CERS HAZ WASTE: Other Ascertainable Records

Site ID:	144010
CERS ID:	10500733
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	144010
Site Name:	Placer County Fair and Events Center
Violation Date:	04-05-2017
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 04/25/2017. Submit copy of used oil disposal receipt or show same upon reinspection.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	144010
Site Name:	Placer County Fair and Events Center
Violation Date:	04-01-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 04/18/2017. Label drum as to content or EMPTY.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	144010
Site Name:	Placer County Fair and Events Center
Violation Date:	03-25-2015
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.

PLACER COUNTY FAIR AND EVENTS CENTER, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Notes:	Returned to compliance on 04/30/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	144010
Site Name:	Placer County Fair and Events Center
Violation Date:	03-25-2015
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 04/30/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-31-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-25-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-01-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-01-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS

PLACER COUNTY FAIR AND EVENTS CENTER, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-05-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-05-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-25-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-29-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	144010
Facility Name:	Placer County Fair and Events Center
Env Int Type Code:	HWG
Program ID:	10500733
Coord Name:	Not Reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	38.756940
Longitude:	-121.289890

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Kim Brown
Entity Title:	Not Reported

PLACER COUNTY FAIR AND EVENTS CENTER, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Legal Owner
Entity Name:	@The Grounds
Entity Title:	Not Reported
Affiliation Address:	800 All America City Blvd.
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95678
Affiliation Phone:	(916) 786-2023
Affiliation Type Desc:	CUPA District
Entity Name:	Roseville City Fire Dept
Entity Title:	Not Reported
Affiliation Address:	316 Vernon Street Suite #480
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 774-5800
Affiliation Type Desc:	Identification Signer
Entity Name:	Kim Brown
Entity Title:	Officer Manager
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Operator
Entity Name:	Bill McAnally Racing Promotions - Speedway & Pits only
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) 676-0010
Affiliation Type Desc:	Parent Corporation
Entity Name:	Placer County Fair and Events Center
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported

PLACER COUNTY FAIR AND EVENTS CENTER, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Kim Brown
Entity Title:	Not Reported
Affiliation Address:	900 Riverside Avenue
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 757-4834
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	800 All America City Blvd.
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	Not Reported

CERS TANKS:

Site ID:	144010
CERS ID:	10500733
Site Name:	PLACER COUNTY FAIR AND EVENTS CENTER
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	144010
Site Name:	Placer County Fair and Events Center
Violation Date:	04-05-2017
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 04/25/2017. Submit copy of used oil disposal receipt or show same upon reinspection.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	144010
Site Name:	Placer County Fair and Events Center
Violation Date:	04-01-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 04/18/2017. Label drum as to content or EMPTY.

PLACER COUNTY FAIR AND EVENTS CENTER, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	144010
Site Name:	Placer County Fair and Events Center
Violation Date:	03-25-2015
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:	Returned to compliance on 04/30/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	144010
Site Name:	Placer County Fair and Events Center
Violation Date:	03-25-2015
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 04/30/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-31-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-25-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-01-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

PLACER COUNTY FAIR AND EVENTS CENTER, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-01-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-05-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-05-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-25-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-29-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	144010
Facility Name:	Placer County Fair and Events Center
Env Int Type Code:	HWG
Program ID:	10500733
Coord Name:	Not Reported

PLACER COUNTY FAIR AND EVENTS CENTER, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

Ref Point Type Desc:	Center of a facility or station.
Latitude:	38.756940
Longitude:	-121.289890

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Kim Brown
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported

Affiliation Type Desc:	Legal Owner
Entity Name:	@The Grounds
Entity Title:	Not Reported
Affiliation Address:	800 All America City Blvd.
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95678
Affiliation Phone:	(916) 786-2023

Affiliation Type Desc:	CUPA District
Entity Name:	Roseville City Fire Dept
Entity Title:	Not Reported
Affiliation Address:	316 Vernon Street Suite #480
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 774-5800

Affiliation Type Desc:	Identification Signer
Entity Name:	Kim Brown
Entity Title:	Officer Manager
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported

Affiliation Type Desc:	Operator
Entity Name:	Bill McAnally Racing Promotions - Speedway & Pits only
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported

PLACER COUNTY FAIR AND EVENTS CENTER, 800 ALL AMERICA CITY BLVD, ROSEVILLE, CA 95678 (Continued)

Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	(916) 676-0010
Affiliation Type Desc:	Parent Corporation
Entity Name:	Placer County Fair and Events Center
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Kim Brown
Entity Title:	Not Reported
Affiliation Address:	900 Riverside Avenue
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 757-4834
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	800 All America City Blvd.
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	Not Reported

HIRA PETROLEUM
510 WASHINGTON BLVD, ROSEVILLE, CA, 95678 S112892080

▲ B6	SSE 1/10 - 1/3	(537 ft. / 0.102 mi.)	Local Lists of Hazardous waste / Contaminated Sites Local Lists of Registered Storage Tanks Other Ascertainable Records
	3 ft. Higher Elevation	163 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist
Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

AQUIFLOW: YES

CERS HAZ WASTE: Other Ascertainable Records

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Site ID:	394766
CERS ID:	10629643
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-03-2017
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 02/03/2017. Initially the monthly inspection reports were not on site... I returned later in the day and they had been dropped off.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Failure to properly identify a financial mechanism
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description:	Failure to comply with one or more of the following designated operator (DO) monthly inspection 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(f)(2).
Violation Notes:	Returned to compliance on 04/11/2018. December 2017 and January 2018 reports do not have site address or date
Violation Division:	Roseville City Fire Department
Violation Program:	UST

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Submit current Certification Of Financial Responsibility
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-03-2017
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 03/03/2017.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 05/02/2018. Submit current Letter from CFO
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

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:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Description:	Failure to implement or maintain a written agreement between the UST owner and operator.
Violation Notes:	Returned to compliance on 05/02/2018. Have tank Owner sign O/O written agreement
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Provide February 2018 DO Report
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-18-2014
Citation:	HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description:	Failure to report program data electronically.
Violation Notes:	Returned to compliance on 06/01/2015. Need to submit business plan, site map, employee training records and tank information into CERS
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)
Violation Description:	Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes:	Returned to compliance on 04/11/2018. Provide the last secondary test report
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/11/2018. Remove liquid in 91 spill bucket
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description:	Failure to submit a current UST Response Plan available on site.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to 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 04/11/2018. Update multiple phone numbers in Response Plan
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-18-2014
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/10/2014.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-18-2014
Citation:	23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description:	The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.
Violation Notes:	Returned to compliance on 04/10/2014.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Update all 24 federal Hazard classes for each chemical in inventory
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/11/2018. Remove liquid in 87 spill bucket
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
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 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(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 05/02/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 04/11/2018. Make correction to each tank in CERS
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Notes:	Returned to compliance on 04/11/2018. Remove liquid in Diesel spill bucket
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-03-2017
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 02/03/2017. 87 Octane sump sensor was not functioning properly... technician replaced during inspection - tested and passed.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
Citation:	HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description:	Failure to report program data electronically.
Violation Notes:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	04-06-2016
Citation:	23 CCR 16 2644.1(a)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(4)
Violation Description:	Failure to notify the CUPA the prescribed number of hours prior to testing.
Violation Notes:	Returned to compliance on 04/06/2016. The Monitoring Company did not notify the CUPA of the annual on-site monitoring system certification that occurred on 2/15/2106
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-06-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-05-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Re-Inspection - verified that NFPA 704 Placard and "No Smoking" signs were added to the Healy Tank adjacent to the store.
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2014
Violations Found:	Yes

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2017

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-06-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-06-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Coordinates:

Site ID:	394766
Facility Name:	Hira Petroleum
Env Int Type Code:	HMBP
Program ID:	10629643
Coord Name:	Not Reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	38.754550
Longitude:	-121.287540

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	santokh
Entity Title:	Not Reported
Affiliation Address:	510 Washington Blvd
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 781-8026
Affiliation Type Desc:	UST Tank Operator
Entity Name:	RIVER CITY PETROLEUM
Entity Title:	Not Reported
Affiliation Address:	840 Delta lane
Affiliation City:	west sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95691
Affiliation Phone:	(916) 371-4960
Affiliation Type Desc:	UST Tank Owner
Entity Name:	RIVER CITY PETROLEUM
Entity Title:	Not Reported
Affiliation Address:	840 Delta lane
Affiliation City:	west Sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95691
Affiliation Phone:	(916) 371-4960
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	510 Washington blvd
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	Not Reported

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Affiliation Type Desc:	CUPA District
Entity Name:	Roseville City Fire Dept
Entity Title:	Not Reported
Affiliation Address:	316 Vernon Street Suite #480
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 774-5800
Affiliation Type Desc:	Legal Owner
Entity Name:	Santokh Hira
Entity Title:	Not Reported
Affiliation Address:	510 washington blvd
Affiliation City:	roseville
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95678
Affiliation Phone:	(916) 517-0793
Affiliation Type Desc:	Operator
Entity Name:	Santokh Hira
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) 517-0793
Affiliation Type Desc:	Document Preparer
Entity Name:	Santokh Hira
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Santokh Hira
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:	Not Reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Hira Petroleum

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Santokh Hira
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:	(916) 517-0793
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Santokh
Entity Title:	Not Reported
Affiliation Address:	510 washington blvd
Affiliation City:	roseville
Affiliation State:	ca
Affiliation Country:	United States
Affiliation Zip:	95678
Affiliation Phone:	(916) 781-8026
Site ID:	394766
CERS ID:	10629643
CERS Description:	RCRA LQ HW Generator

Violations:

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-03-2017
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 02/03/2017. Initially the monthly inspection reports were not on site... I returned later in the day and they had been dropped off.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Failure to properly identify a financial mechanism

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description:	Failure to comply with one or more of the following designated operator (DO) monthly inspection 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(f)(2).
Violation Notes:	Returned to compliance on 04/11/2018. December 2017 and January 2018 reports do not have site address or date
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Submit current Certification Of Financial Responsibility
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Site Name:	Hira Petroleum
Violation Date:	02-03-2017
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 03/03/2017.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 05/02/2018. Submit current Letter from CFO
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
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:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Description:	Failure to implement or maintain a written agreement between the UST owner and operator.
Violation Notes:	Returned to compliance on 05/02/2018. Have tank Owner sign O/O written agreement
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Provide February 2018 DO Report

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-18-2014
Citation:	HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description:	Failure to report program data electronically.
Violation Notes:	Returned to compliance on 06/01/2015. Need to submit business plan, site map, employee training records and tank information into CERS
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)
Violation Description:	Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes:	Returned to compliance on 04/11/2018. Provide the last secondary test report
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/11/2018. Remove liquid in 91 spill bucket
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description:	Failure to submit a current UST Response Plan available on site.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

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 04/11/2018. Update multiple phone numbers in Response Plan
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-18-2014
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/10/2014.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-18-2014
Citation:	23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description:	The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.
Violation Notes:	Returned to compliance on 04/10/2014.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Update all 24 federal Hazard classes for each chemical in inventory
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/11/2018. Remove liquid in 87 spill bucket
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
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 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(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 05/02/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	UST

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 04/11/2018. Make correction to each tank in CERS
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/11/2018. Remove liquid in Diesel spill bucket
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-03-2017
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 02/03/2017. 87 Octane sump sensor was not functioning properly... technician replaced during inspection - tested and passed.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
Citation:	HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description:	Failure to report program data electronically.
Violation Notes:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	04-06-2016
Citation:	23 CCR 16 2644.1(a)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(4)
Violation Description:	Failure to notify the CUPA the prescribed number of hours prior to testing.
Violation Notes:	Returned to compliance on 04/06/2016. The Monitoring Company did not notify the CUPA of the annual on-site monitoring system certification that occurred on 2/15/2106
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Eval Date:	04-06-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-05-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Re-Inspection - verified that NFPA 704 Placard and "No Smoking" signs were added to the Healy Tank adjacent to the store.
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	04-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-06-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-06-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	394766
Facility Name:	Hira Petroleum
Env Int Type Code:	HMBP
Program ID:	10629643
Coord Name:	Not Reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	38.754550
Longitude:	-121.287540

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	santokh
Entity Title:	Not Reported
Affiliation Address:	510 Washington Blvd
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 781-8026
Affiliation Type Desc:	UST Tank Operator

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Entity Name:	RIVER CITY PETROLEUM
Entity Title:	Not Reported
Affiliation Address:	840 Delta lane
Affiliation City:	west sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95691
Affiliation Phone:	(916) 371-4960
Affiliation Type Desc:	UST Tank Owner
Entity Name:	RIVER CITY PETROLEUM
Entity Title:	Not Reported
Affiliation Address:	840 Delta lane
Affiliation City:	west Sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95691
Affiliation Phone:	(916) 371-4960
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	510 Washington blvd
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	Not Reported
Affiliation Type Desc:	CUPA District
Entity Name:	Roseville City Fire Dept
Entity Title:	Not Reported
Affiliation Address:	316 Vernon Street Suite #480
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 774-5800
Affiliation Type Desc:	Legal Owner
Entity Name:	Santokh Hira
Entity Title:	Not Reported
Affiliation Address:	510 washington blvd
Affiliation City:	roseville
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95678
Affiliation Phone:	(916) 517-0793
Affiliation Type Desc:	Operator
Entity Name:	Santokh Hira
Entity Title:	Not Reported

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	(916) 517-0793
Affiliation Type Desc:	Document Preparer
Entity Name:	Santokh Hira
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Santokh Hira
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:	Not Reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Hira Petroleum
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Santokh Hira
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:	(916) 517-0793
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Santokh
Entity Title:	Not Reported
Affiliation Address:	510 washington blvd
Affiliation City:	roseville

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Affiliation State:	ca
Affiliation Country:	United States
Affiliation Zip:	95678
Affiliation Phone:	(916) 781-8026

CERS TANKS:

Site ID:	394766
CERS ID:	10629643
CERS Description:	Underground Storage Tank

Violations:

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-03-2017
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 02/03/2017. Initially the monthly inspection reports were not on site... I returned later in the day and they had been dropped off.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Failure to properly identify a financial mechanism
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Description:	Failure to comply with one or more of the following designated operator (DO) monthly inspection 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(f)(2).
Violation Notes:	Returned to compliance on 04/11/2018. December 2017 and January 2018 reports do not have site address or date
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Submit current Certification Of Financial Responsibility
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-03-2017
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 03/03/2017.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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.

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Notes:	Returned to compliance on 05/02/2018. Submit current Letter from CFO
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
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:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Description:	Failure to implement or maintain a written agreement between the UST owner and operator.
Violation Notes:	Returned to compliance on 05/02/2018. Have tank Owner sign O/O written agreement
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Provide February 2018 DO Report
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-18-2014
Citation:	HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description:	Failure to report program data electronically.
Violation Notes:	Returned to compliance on 06/01/2015. Need to submit business plan, site map, employee training records and tank information into CERS
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Description:	Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes:	Returned to compliance on 04/11/2018. Provide the last secondary test report
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/11/2018. Remove liquid in 91 spill bucket
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description:	Failure to submit a current UST Response Plan available on site.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to 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 04/11/2018. Update multiple phone numbers in Response Plan
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-18-2014
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/10/2014.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Date:	02-18-2014
Citation:	23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description:	The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.
Violation Notes:	Returned to compliance on 04/10/2014.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Update all 24 federal Hazard classes for each chemical in inventory
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/11/2018. Remove liquid in 87 spill bucket
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
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 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(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 05/02/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 04/11/2018. Make correction to each tank in CERS
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/11/2018. Remove liquid in Diesel spill bucket
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-03-2017
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 02/03/2017. 87 Octane sump sensor was not functioning properly... technician replaced during inspection - tested and passed.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
Citation:	HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description:	Failure to report program data electronically.
Violation Notes:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	04-06-2016
Citation:	23 CCR 16 2644.1(a)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(4)
Violation Description:	Failure to notify the CUPA the prescribed number of hours prior to testing.
Violation Notes:	Returned to compliance on 04/06/2016. The Monitoring Company did not notify the CUPA of the annual on-site monitoring system certification that occurred on 2/15/2106
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-06-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-05-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Re-Inspection - verified that NFPA 704 Placard and "No Smoking" signs were added to the Healy Tank adjacent to the store.
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2017
Violations Found:	No

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-11-2018

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-06-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-06-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Eval Date:	04-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	394766
Facility Name:	Hira Petroleum
Env Int Type Code:	HMBP
Program ID:	10629643
Coord Name:	Not Reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	38.754550
Longitude:	-121.287540

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	santokh
Entity Title:	Not Reported
Affiliation Address:	510 Washington Blvd
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 781-8026
Affiliation Type Desc:	UST Tank Operator
Entity Name:	RIVER CITY PETROLEUM
Entity Title:	Not Reported
Affiliation Address:	840 Delta lane
Affiliation City:	west sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95691
Affiliation Phone:	(916) 371-4960
Affiliation Type Desc:	UST Tank Owner
Entity Name:	RIVER CITY PETROLEUM
Entity Title:	Not Reported
Affiliation Address:	840 Delta lane
Affiliation City:	west Sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95691
Affiliation Phone:	(916) 371-4960
Affiliation Type Desc:	Facility Mailing Address

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	510 Washington blvd
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	Not Reported
Affiliation Type Desc:	CUPA District
Entity Name:	Roseville City Fire Dept
Entity Title:	Not Reported
Affiliation Address:	316 Vernon Street Suite #480
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 774-5800
Affiliation Type Desc:	Legal Owner
Entity Name:	Santokh Hira
Entity Title:	Not Reported
Affiliation Address:	510 washington blvd
Affiliation City:	roseville
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95678
Affiliation Phone:	(916) 517-0793
Affiliation Type Desc:	Operator
Entity Name:	Santokh Hira
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) 517-0793
Affiliation Type Desc:	Document Preparer
Entity Name:	Santokh Hira
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Santokh Hira
Entity Title:	Owner

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Hira Petroleum
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Santokh Hira
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:	(916) 517-0793
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Santokh
Entity Title:	Not Reported
Affiliation Address:	510 washington blvd
Affiliation City:	roseville
Affiliation State:	ca
Affiliation Country:	United States
Affiliation Zip:	95678
Affiliation Phone:	(916) 781-8026

HAZNET:

Site Name:	HIRA PETROLEUM
Year:	2000
GEPAID:	CAC001443224
Contact:	SUNNY HIRA
Telephone:	9167818026
Mailing Name:	Not Reported
Mailing Address:	510 WASHINGTON BLVD
Mailing City,St,Zip:	ROSEVILLE, CA 956780000
Gen County:	Not Reported
TSD EPA ID:	CAD044003556
TSD County:	Not Reported
Waste Category:	Unspecified oil-containing waste

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Disposal Method:	Transfer Station
Tons:	0.2
Cat Decode:	Not Reported
Method Decode:	Not Reported
Facility County:	Placer

CERS TANKS:

Site ID:	394766
CERS ID:	10629643
Site Name:	HIRA PETROLEUM
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-03-2017
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 02/03/2017. Initially the monthly inspection reports were not on site... I returned later in the day and they had been dropped off.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Failure to properly identify a financial mechanism
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Description:	Failure to comply with one or more of the following designated operator (DO) monthly inspection 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(f)(2).
Violation Notes:	Returned to compliance on 04/11/2018. December 2017 and January 2018 reports do not have site address or date
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Submit current Certification Of Financial Responsibility
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-03-2017
Citation:	22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 03/03/2017.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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.

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Notes:	Returned to compliance on 05/02/2018. Submit current Letter from CFO
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
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:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Description:	Failure to implement or maintain a written agreement between the UST owner and operator.
Violation Notes:	Returned to compliance on 05/02/2018. Have tank Owner sign O/O written agreement
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Provide February 2018 DO Report
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-18-2014
Citation:	HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description:	Failure to report program data electronically.
Violation Notes:	Returned to compliance on 06/01/2015. Need to submit business plan, site map, employee training records and tank information into CERS
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Eval Type:	Routine done by local agency
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Citation:	HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)
Violation Description:	Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes:	Returned to compliance on 04/11/2018. Provide the last secondary test report
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/11/2018. Remove liquid in 91 spill bucket
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description:	Failure to submit a current UST Response Plan available on site.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to 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 04/11/2018. Update multiple phone numbers in Response Plan
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-18-2014
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/10/2014.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394766

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Site Name:	Hira Petroleum
Violation Date:	02-18-2014
Citation:	23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715
Violation Description:	The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.
Violation Notes:	Returned to compliance on 04/10/2014.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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 04/11/2018. Update all 24 federal Hazard classes for each chemical in inventory
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
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:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 04/11/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/11/2018. Remove liquid in 87 spill bucket
Violation Division:	Roseville City Fire Department
Violation Program:	UST

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
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 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(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 05/02/2018.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 04/11/2018. Make correction to each tank in CERS
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 04/11/2018.

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	03-14-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 04/11/2018. Remove liquid in Diesel spill bucket
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-03-2017
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 02/03/2017. 87 Octane sump sensor was not functioning properly... technician replaced during inspection - tested and passed.
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	02-09-2015
Citation:	HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description:	Failure to report program data electronically.
Violation Notes:	Returned to compliance on 06/01/2015.
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394766
Site Name:	Hira Petroleum
Violation Date:	04-06-2016
Citation:	23 CCR 16 2644.1(a)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2644.1(a)(4)
Violation Description:	Failure to notify the CUPA the prescribed number of hours prior to testing.
Violation Notes:	Returned to compliance on 04/06/2016. The Monitoring Company did not notify the CUPA of the annual on-site monitoring system certification that occurred on 2/15/2106
Violation Division:	Roseville City Fire Department
Violation Program:	UST
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2015
Violations Found:	No
Eval Type:	Routine done by local agency

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-06-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-05-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Re-Inspection - verified that NFPA 704 Placard and "No Smoking" signs were added to the Healy Tank adjacent to the store.
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2017

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Eval Date:	04-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-09-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-06-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-06-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	UST
Eval Source:	CERS

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Eval General Type:	Other/Unknown
Eval Date:	04-11-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	394766
Facility Name:	Hira Petroleum
Env Int Type Code:	HMBP
Program ID:	10629643
Coord Name:	Not Reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	38.754550
Longitude:	-121.287540

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	santokh
Entity Title:	Not Reported
Affiliation Address:	510 Washington Blvd
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 781-8026
Affiliation Type Desc:	UST Tank Operator
Entity Name:	RIVER CITY PETROLEUM
Entity Title:	Not Reported
Affiliation Address:	840 Delta lane
Affiliation City:	west sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95691
Affiliation Phone:	(916) 371-4960
Affiliation Type Desc:	UST Tank Owner
Entity Name:	RIVER CITY PETROLEUM
Entity Title:	Not Reported
Affiliation Address:	840 Delta lane
Affiliation City:	west Sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95691
Affiliation Phone:	(916) 371-4960

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	510 Washington blvd
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	Not Reported
Affiliation Type Desc:	CUPA District
Entity Name:	Roseville City Fire Dept
Entity Title:	Not Reported
Affiliation Address:	316 Vernon Street Suite #480
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 774-5800
Affiliation Type Desc:	Legal Owner
Entity Name:	Santokh Hira
Entity Title:	Not Reported
Affiliation Address:	510 washington blvd
Affiliation City:	roseville
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95678
Affiliation Phone:	(916) 517-0793
Affiliation Type Desc:	Operator
Entity Name:	Santokh Hira
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) 517-0793
Affiliation Type Desc:	Document Preparer
Entity Name:	Santokh Hira
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Santokh Hira

HIRA PETROLEUM, 510 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

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:	Not Reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Hira Petroleum
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Santokh Hira
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:	(916) 517-0793
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Santokh
Entity Title:	Not Reported
Affiliation Address:	510 washington blvd
Affiliation City:	roseville
Affiliation State:	ca
Affiliation Country:	United States
Affiliation Zip:	95678
Affiliation Phone:	(916) 781-8026

HIRA PETROLEUM 510 WASHINGTON BLVD, ROSEVILLE, CA, 95678			1021691543
▲ B7	SSE 1/10 - 1/3	(537 ft. / 0.102 mi.)	EDR Exclusive Records
	3 ft. Higher Elevation	163 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

AQUIFLOW: YES

EDR Hist Auto: EDR Exclusive Records	Routine done by local agency

Year:	Name: / Type:
1994:	RIVER CITY PETROLEUM INC / Gasoline Service Stations
1995:	RIVER CITY PETROLEUM INC / Gasoline Service Stations
1998:	HIRA PETROLEUM / Gasoline Service Stations
1999:	HIRA PETROLEUM / Gasoline Service Stations
2000:	HIRA PETROLEUM / Gasoline Service Stations
2001:	HIRA PETROLEUM / Gasoline Service Stations
2002:	HIRA PETROLEUM / Gasoline Service Stations
2003:	HIRA PETROLEUM / Gasoline Service Stations
2004:	HIRA PETROLEUM / Gasoline Service Stations
2005:	HIRA PETROLEUM / Gasoline Service Stations
2006:	HIRA PETROLEUM / Gasoline Service Stations
2007:	HIRA PETROLEUM / Gasoline Service Stations
2008:	HIRA PETROLEUM / Gasoline Service Stations
2009:	HIRA PETROLEUM / Gasoline Service Stations
2010:	HIRA PETROLEUM / Gasoline Service Stations
2011:	HIRA PETROLEUM / Gasoline Service Stations
2012:	HIRA PETROLEUM / Gasoline Service Stations

A MART
510 WASHINGTON ST, ROSEVILLE, CA, 95698 S101300288

▲ B8	SSE 1/10 - 1/3	(537 ft. / 0.102 mi.)	State and tribal leaking storage tank lists Local Lists of Registered Storage Tanks Other Ascertainable Records
	3 ft. Higher Elevation	163 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

LUST: Other Ascertainable Records	Routine done by local agency
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606100111
Global Id:	T0606100111
Latitude:	38.75456151
Longitude:	-121.287667165
Status:	Completed - Case Closed
Status Date:	10/03/2012
Case Worker:	PRS
RB Case Number:	310135
Local Agency:	ROSEVILLE, CITY OF

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

File Location:	Not Reported
Local Case Number:	Not Reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

LUST:

Global Id:	T0606100111
Contact Type:	Regional Board Caseworker
Contact Name:	PAUL SANDERS
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5S)
Address:	11020 SUN CENTER DRIVE #200
City:	RANCHO CORDOVA
Email:	psanders@waterboards.ca.gov
Phone Number:	Not Reported

Global Id:	T0606100111
Contact Type:	Local Agency Caseworker
Contact Name:	THOMAS DODARO
Organization Name:	ROSEVILLE, CITY OF
Address:	401 OAK STREET
City:	ROSEVILLE
Email:	tdodaro@roseville.ca.us
Phone Number:	Not Reported

LUST:

Global Id:	T0606100111
Action Type:	RESPONSE
Date:	04/15/2008
Action:	Monitoring Report - Quarterly

Global Id:	T0606100111
Action Type:	RESPONSE
Date:	04/15/2005
Action:	Monitoring Report - Quarterly

Global Id:	T0606100111
Action Type:	RESPONSE
Date:	07/15/2006
Action:	Monitoring Report - Quarterly

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Action Type:	RESPONSE
Date:	12/15/2006
Action:	Soil and Water Investigation Report
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	03/27/2007
Action:	Risk Assessment Report
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	04/24/2006
Action:	Interim Remedial Action Report
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	04/30/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	10/14/2004
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	06/29/2004
Action:	Site Visit / Inspection / Sampling
Global Id:	T0606100111
Action Type:	Other
Date:	08/31/1991
Action:	Leak Reported
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	01/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	04/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	04/15/2007
Action:	Monitoring Report - Quarterly

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/25/2006
Action:	Sensitive Receptor Survey Report
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	09/15/2006
Action:	Other Workplan
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	12/15/2006
Action:	Soil and Water Investigation Report
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	06/14/2004
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	12/30/2008
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	08/31/2006
Action:	Interim Remedial Action Report
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	08/31/2006
Action:	Other Report / Document
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	09/15/2006
Action:	Public Participation Plan
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	07/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/15/2007
Action:	Monitoring Report - Quarterly

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	07/29/2009
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	10/19/2009
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	01/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	07/29/2005
Action:	CAP/RAP - Final Remediation / Design Plan
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	04/24/2006
Action:	Interim Remedial Action Report
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	09/13/2002
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	11/26/2002
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	09/28/2004
Action:	* Historical Enforcement
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	08/03/2005
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	08/30/2005
Action:	* Historical Enforcement
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	12/29/2004
Action:	Staff Letter

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	04/22/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	06/10/2010
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	03/29/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	07/12/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	03/03/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	08/16/2010
Action:	Preparation of Record for Appeal/Referral/Petition
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	05/02/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	01/26/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	11/23/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	12/22/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	12/01/2011
Action:	Technical Correspondence / Assistance / Other

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	01/09/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	12/22/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	02/22/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	03/13/2012
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	05/10/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	02/15/2013
Action:	Rescission of Enforcement Action
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	07/05/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	10/03/2012
Action:	Closure/No Further Action Letter
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	07/15/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/15/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/30/2008
Action:	Monitoring Report - Quarterly

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Action Type:	RESPONSE
Date:	04/15/2009
Action:	Soil and Water Investigation Report
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	07/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	04/16/2004
Action:	Other Workplan
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	09/12/2000
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	04/12/2000
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	08/30/2001
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	REMEDIATION
Date:	01/16/2003
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	10/13/2004
Action:	* Historical Enforcement
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	10/04/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	12/15/2005
Action:	Warning Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	06/23/2005
Action:	* Historical Enforcement

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	06/28/2005
Action:	Warning Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	09/06/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/15/2009
Action:	Monitoring Report - Other
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/18/2002
Action:	Other Workplan
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/15/2010
Action:	Risk Assessment Report
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	04/15/2010
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	02/01/2011
Action:	Risk Assessment Report
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	09/02/2002
Action:	File review
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	02/26/2004
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	11/12/2002
Action:	Staff Letter

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	08/26/2002
Action:	Notice to Comply
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	05/12/2006
Action:	Verbal Communication
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	10/17/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	03/02/2006
Action:	* Verbal Communication
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	03/06/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	REMEDIATION
Date:	07/19/2006
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0606100111
Action Type:	REMEDIATION
Date:	08/05/1999
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0606100111
Action Type:	REMEDIATION
Date:	06/17/2004
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/15/2002
Action:	Soil and Water Investigation Workplan
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	01/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	03/17/2003
Action:	Soil and Water Investigation Report

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Action Type:	RESPONSE
Date:	01/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	07/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	10/25/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	09/14/2006
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	07/21/2006
Action:	Clean-up and Abatement Order - #R5-2006-0717
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	02/14/2008
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	02/02/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	10/26/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	08/04/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	01/31/2007
Action:	Site Visit / Inspection / Sampling

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	08/14/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	04/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	06/22/2009
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	11/22/2010
Action:	Clean Up Fund - Letter to RP
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	05/09/2003
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	08/18/2003
Action:	* Historical Enforcement
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	12/07/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	07/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	05/21/2004
Action:	Other Workplan
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	08/31/2004
Action:	Soil and Water Investigation Report
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	01/15/2005
Action:	Monitoring Report - Quarterly

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Action Type:	RESPONSE
Date:	12/17/2004
Action:	Soil and Water Investigation Workplan
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	08/31/2004
Action:	Interim Remedial Action Report
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	07/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	04/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	05/18/2004
Action:	* Historical Enforcement
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	12/16/2003
Action:	* Historical Enforcement
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	04/22/2004
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	05/10/2004
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	02/06/2008
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	04/24/2008
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	10/07/2002
Action:	Staff Letter

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	03/22/2001
Action:	Staff Letter
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/02/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	04/15/2005
Action:	Soil and Water Investigation Report
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	10/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	07/29/2005
Action:	CAP/RAP - Final Remediation / Design Plan
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	07/29/2005
Action:	CAP/RAP - Final Remediation / Design Plan
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	01/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	09/21/2011
Action:	Request for Closure
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	01/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100111
Action Type:	RESPONSE
Date:	06/08/2012
Action:	Well Destruction Report
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	01/12/2006
Action:	Technical Correspondence / Assistance / Other

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	02/26/2004
Action:	* Historical Enforcement
Global Id:	T0606100111
Action Type:	ENFORCEMENT
Date:	04/26/2007
Action:	Staff Letter

LUST:

Global Id:	T0606100111
Status:	Completed - Case Closed
Status Date:	10/03/2012
Global Id:	T0606100111
Status:	Open - Case Begin Date
Status Date:	08/31/1991
Global Id:	T0606100111
Status:	Open - Remediation
Status Date:	01/16/2003
Global Id:	T0606100111
Status:	Open - Remediation
Status Date:	02/09/2003
Global Id:	T0606100111
Status:	Open - Remediation
Status Date:	06/17/2004
Global Id:	T0606100111
Status:	Open - Remediation
Status Date:	07/25/2005
Global Id:	T0606100111
Status:	Open - Remediation
Status Date:	07/19/2006
Global Id:	T0606100111
Status:	Open - Site Assessment
Status Date:	08/31/1991
Global Id:	T0606100111
Status:	Open - Site Assessment
Status Date:	08/27/1997
Global Id:	T0606100111
Status:	Open - Site Assessment
Status Date:	12/23/2004
Global Id:	T0606100111
Status:	Open - Site Assessment
Status Date:	12/14/2006

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

Global Id:	T0606100111
Status:	Open - Verification Monitoring
Status Date:	12/22/2008

LUST REG 5:

Region:	5
Status:	Preliminary site assessment underway
Case Number:	310135
Case Type:	Drinking Water Aquifer affected
Substance:	GASOLINE
Staff Initials:	PRS
Lead Agency:	Regional
Program:	LUST
MTBE Code:	8

HIST UST:

File Number:	0001F291
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F291.pdf
Region:	Not Reported
Facility ID:	Not Reported
Facility Type:	Not Reported
Other Type:	Not Reported
Contact Name:	Not Reported
Telephone:	Not Reported
Owner Name:	Not Reported
Owner Address:	Not Reported
Owner City,St,Zip:	Not Reported
Total Tanks:	Not Reported
Tank Num:	Not Reported
Container Num:	Not Reported
Year Installed:	Not Reported
Tank Capacity:	Not Reported
Tank Used for:	Not Reported
Type of Fuel:	Not Reported
Container Construction Thickness:	Not Reported
Leak Detection:	Not Reported
Click here for Geo Tracker PDF:	http://www.web.edrnet.com/ordering/switchboard/redirect.aspx?s=GRR_CA_HISTUST_PDF&img_id=0001F291

HIST CORTESE:

Region:	CORTESE
Facility County Code:	31
Reg By:	LTNKA
Reg Id:	310135

CERS TANKS:

Site ID:	247015

A MART, 510 WASHINGTON ST, ROSEVILLE, CA 95698 (Continued)

CERS ID:	T0606100111
Site Name:	A MART
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	PAUL SANDERS - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not Reported
Affiliation Address:	11020 SUN CENTER DRIVE #200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	THOMAS DODARO - ROSEVILLE, CITY OF
Entity Title:	Not Reported
Affiliation Address:	401 OAK STREET
Affiliation City:	ROSEVILLE
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported

BUBBA'S AUTO CARE
310 WASHINGTON BLVD, ROSEVILLE, CA, 95678 S121736909

▲ F9	S 1/10 - 1/3	(1198 ft. / 0.227 mi.)	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records
	6 ft. Higher Elevation	166 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

AQUIFLOW: YES

CERS HAZ WASTE: Other Ascertainable Records	Routine done by local agency
Site ID:	100370
CERS ID:	10419871
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	100370
Site Name:	Bubba's Auto Care
Violation Date:	03-31-2014

BUBBA'S AUTO CARE, 310 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Citation:	HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description:	Haz Waste Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes:	Returned to compliance on 04/01/2014. Spent absorbent found in dumpster.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	100370
Site Name:	Bubba's Auto Care
Violation Date:	03-31-2014
Citation:	HSC 6.5 25250.7 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.7
Violation Description:	Failure to handle contaminated used oil (other than minimal amounts of vehicle fuel) as a hazardous waste.
Violation Notes:	Returned to compliance on 04/30/2014. Used filters kept longer than one year.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	100370
Site Name:	Bubba's Auto Care
Violation Date:	07-06-2016
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	February 2016 manifest was not available
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	100370
Site Name:	Bubba's Auto Care
Violation Date:	07-06-2016
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:	Not Reported
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	100370
Site Name:	Bubba's Auto Care
Violation Date:	04-14-2015
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 04/24/2015. Filters have been onsite for over 12 months
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	100370

BUBBA'S AUTO CARE, 310 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Site Name:	Bubba's Auto Care
Violation Date:	04-14-2015
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 04/24/2015. HazWaste barrels are open.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	100370
Site Name:	Bubba's Auto Care
Violation Date:	07-06-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Release/Leaks/Spills - General
Violation Notes:	No spill kit onsite; secondary containment with liquid
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-31-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-31-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-07-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2015
Violations Found:	No
Eval Type:	Routine done by local agency

BUBBA'S AUTO CARE, 310 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-07-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	100370
Facility Name:	Bubba's Auto Care
Env Int Type Code:	HWG
Program ID:	10419871
Coord Name:	Not Reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	38.752710
Longitude:	-121.287530

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	Dennis Hendrickson
Entity Title:	Not Reported
Affiliation Address:	1401 Dana Crt
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95661
Affiliation Phone:	(916) 240-4083
Affiliation Type Desc:	Document Preparer
Entity Name:	Ann Killian
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported

BUBBA'S AUTO CARE, 310 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Dennis Hendrickson
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:	Not Reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Bubba's Auto Care
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	CUPA District
Entity Name:	Roseville City Fire Dept
Entity Title:	Not Reported
Affiliation Address:	316 Vernon Street Suite #480
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 774-5800
Affiliation Type Desc:	Environmental Contact
Entity Name:	Dennis Hendrickson
Entity Title:	Not Reported
Affiliation Address:	310 Washington Blvd
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 218-0303
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	310 Washington Blvd.
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678

BUBBA'S AUTO CARE, 310 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Affiliation Phone:	Not Reported
Affiliation Type Desc:	Operator
Entity Name:	Dennis Owen Hendrickson
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) 240-4083
Affiliation Type Desc:	Property Owner
Entity Name:	Dennis Owen Hendrickson
Entity Title:	Not Reported
Affiliation Address:	310 Washington Blvd
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95678
Affiliation Phone:	(916) 240-4083

CERS TANKS:

Site ID:	100370
CERS ID:	10419871
Site Name:	BUBBA'S AUTO CARE
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	100370
Site Name:	Bubba's Auto Care
Violation Date:	03-31-2014
Citation:	HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description:	Haz Waste Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes:	Returned to compliance on 04/01/2014. Spent absorbent found in dumpster.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	100370
Site Name:	Bubba's Auto Care
Violation Date:	03-31-2014
Citation:	HSC 6.5 25250.7 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.7
Violation Description:	Failure to handle contaminated used oil (other than minimal amounts of vehicle fuel) as a hazardous waste.
Violation Notes:	Returned to compliance on 04/30/2014. Used filters kept longer than one year.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	100370

BUBBA'S AUTO CARE, 310 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Site Name:	Bubba's Auto Care
Violation Date:	07-06-2016
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	February 2016 manifest was not available
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	100370
Site Name:	Bubba's Auto Care
Violation Date:	07-06-2016
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:	Not Reported
Violation Division:	Roseville City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	100370
Site Name:	Bubba's Auto Care
Violation Date:	04-14-2015
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 04/24/2015. Filters have been onsite for over 12 months
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	100370
Site Name:	Bubba's Auto Care
Violation Date:	04-14-2015
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 04/24/2015. HazWaste barrels are open.
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	100370
Site Name:	Bubba's Auto Care
Violation Date:	07-06-2016
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Release/Leaks/Spills - General
Violation Notes:	No spill kit onsite; secondary containment with liquid
Violation Division:	Roseville City Fire Department
Violation Program:	HW
Violation Source:	CERS

BUBBA'S AUTO CARE, 310 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-31-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-31-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-07-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Roseville City Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-07-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported

BUBBA'S AUTO CARE, 310 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Eval Division:	Roseville City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	100370
Facility Name:	Bubba's Auto Care
Env Int Type Code:	HWG
Program ID:	10419871
Coord Name:	Not Reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	38.752710
Longitude:	-121.287530

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	Dennis Hendrickson
Entity Title:	Not Reported
Affiliation Address:	1401 Dana Crt
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95661
Affiliation Phone:	(916) 240-4083
Affiliation Type Desc:	Document Preparer
Entity Name:	Ann Killian
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Dennis Hendrickson
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:	Not Reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Bubba's Auto Care
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported

BUBBA'S AUTO CARE, 310 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	CUPA District
Entity Name:	Roseville City Fire Dept
Entity Title:	Not Reported
Affiliation Address:	316 Vernon Street Suite #480
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 774-5800
Affiliation Type Desc:	Environmental Contact
Entity Name:	Dennis Hendrickson
Entity Title:	Not Reported
Affiliation Address:	310 Washington Blvd
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	(916) 218-0303
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	310 Washington Blvd.
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95678
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Operator
Entity Name:	Dennis Owen Hendrickson
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) 240-4083
Affiliation Type Desc:	Property Owner
Entity Name:	Dennis Owen Hendrickson
Entity Title:	Not Reported
Affiliation Address:	310 Washington Blvd
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	United States

BUBBA'S AUTO CARE, 310 WASHINGTON BLVD, ROSEVILLE, CA 95678 (Continued)

Affiliation Zip: 95678
Affiliation Phone: (916) 240-4083

FINGERS CLASS III LF CLOSURE Not Reported, ROSEVILLE, CA, 0			S106800625
▲ F10	S 1/10 - 1/3	(1397 ft. / 0.265 mi.)	Other Ascertainable Records
	4 ft. Higher Elevation	164 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist
Conditions:

Not Applicable: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

AQUIFLOW: YES

CORTESE: Other Ascertainable Records: Routine done by local agency

Region: CORTESE
Envirostor Id: Not Reported
Global ID: Not Reported
Site/Facility Type: Not Reported
Cleanup Status: Not Reported
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: CORTESE
Order No: 89-115
Waste Discharge System No: Not Reported
Effective Date: 06/23/1989
Region 2: 5S
WID Id: 5A310302001
Solid Waste Id No: Not Reported
Waste Management Uit Name: Not Reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

WDS:

Facility ID: Sacramento River 310302001
Facility Type: Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: Not Reported
Subregion: 0
Facility Telephone: Not Reported

FINGERS CLASS III LF CLOSURE, Not Reported, ROSEVILLE, CA 0 (Continued)

Facility Contact:	DAN SHEEHAN
Agency Name:	A GREENER GLOBE INC
Agency Address:	6355 DORNES RD
Agency City,St,Zip:	LINCOLN 95648
Agency Contact:	Daniel Sheehan
Agency Telephone:	9166458748
Agency Type:	Private
SIC Code:	4953
SIC Code 2:	Not Reported
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Primary Waste:	SLDWST
Waste Type2:	Not Reported
Waste2:	Solid Wastes
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Secondary Waste:	Not Reported
Secondary Waste Type:	Not Reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

CAIRNY PROPERTY 412 LINCOLN ST, ROSEVILLE, CA, 95661			S101300279
▲ G11	SSE 1/10 - 1/3	(1600 ft. / 0.303 mi.)	State and tribal leaking storage tank lists Records of Emergency Release Reports Other Ascertainable Records
	3 ft. Higher Elevation	163 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Crossgradient: YES

LUST: Other Ascertainable Records	Routine done by local agency
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606100196
Global Id:	T0606100196
Latitude:	38.7519993

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Longitude:	-121.2850784
Status:	Open - Eligible for Closure
Status Date:	04/01/2018
Case Worker:	KEJ
RB Case Number:	310245
Local Agency:	ROSEVILLE, CITY OF
File Location:	Not Reported
Local Case Number:	Not Reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

LUST:

Global Id:	T0606100196
Contact Type:	Regional Board Caseworker
Contact Name:	KYLE JOHNSON
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5S)
Address:	11020 Sun Center Drive, Suite 200
City:	SACRAMENTO
Email:	kyle.johnson@waterboards.ca.gov
Phone Number:	9164643291

Global Id:	T0606100196
Contact Type:	Local Agency Caseworker
Contact Name:	THOMAS DODARO
Organization Name:	ROSEVILLE, CITY OF
Address:	401 OAK STREET
City:	ROSEVILLE
Email:	tdodaro@roseville.ca.us
Phone Number:	Not Reported

LUST:

Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	11/02/2016
Action:	Staff Letter

Global Id:	T0606100196
Action Type:	RESPONSE
Date:	10/15/2007

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	04/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	04/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	05/13/2004
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	05/16/2005
Action:	* Historical Enforcement
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	07/16/2008
Action:	Meeting
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	11/26/2008
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	Other
Date:	08/18/1992
Action:	Leak Reported
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	07/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	01/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	01/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	05/11/2007

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Action:	Soil and Water Investigation Workplan
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	10/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	06/05/2017
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	02/08/2005
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	01/06/2009
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	05/26/2009
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	11/18/2015
Action:	Email Correspondence
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	07/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	06/20/2008
Action:	Soil and Water Investigation Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	06/20/2008
Action:	Interim Remedial Action Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	06/20/2008
Action:	Interim Remedial Action Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	06/20/2008

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Action:	Well Installation Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	10/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	09/15/2007
Action:	Well Installation Report
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	08/07/2008
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	09/09/2016
Action:	Request for Closure - Regulator Responded
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	07/31/2009
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	07/22/2009
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	11/16/2009
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	09/09/2009
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	10/31/2008
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	04/15/2009
Action:	Soil and Water Investigation Workplan
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	11/30/2008

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Action:	Interim Remedial Action Plan
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	04/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	01/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	04/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	11/18/2002
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	12/20/2004
Action:	* Historical Enforcement
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	07/06/2004
Action:	Warning Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	11/07/2005
Action:	Warning Letter
Global Id:	T0606100196
Action Type:	REMEDIATION
Date:	07/01/2010
Action:	Excavation
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	02/03/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	08/28/2013
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	09/01/2010

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	08/23/2011
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	02/24/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	07/06/2011
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	07/13/2010
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	02/25/2013
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	02/14/2011
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	01/04/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	06/28/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	04/09/2012
Action:	Warning Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	06/27/2012
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	09/10/2012

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	09/25/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	08/14/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	08/28/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	10/30/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	07/01/2013
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	10/10/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	07/30/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	07/01/2013
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	02/13/2013
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	07/17/2012
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	08/26/2013

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	10/17/2012
Action:	Site Visit / Inspection / Sampling
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	02/21/2013
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	08/15/2009
Action:	Interim Remedial Action Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	09/30/2009
Action:	Pilot Study/ Treatability Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	09/15/2008
Action:	Soil and Water Investigation Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	04/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	04/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	05/01/2001
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	07/12/2005
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	REMEDIATION
Date:	05/13/2004
Action:	Free Product Removal
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	03/30/2005

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Action:	* Historical Enforcement
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	05/18/2005
Action:	Warning Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	05/16/2014
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	08/28/2015
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	01/16/2015
Action:	Email Correspondence
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	10/31/2008
Action:	Soil and Water Investigation Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	01/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	12/10/2010
Action:	Interim Remedial Action Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	07/09/2014
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	07/09/2014
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	05/22/2003
Action:	Warning Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	08/19/2002

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Action:	Notice to Comply
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	07/10/2006
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	REMEDIATION
Date:	04/28/2008
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0606100196
Action Type:	REMEDIATION
Date:	02/06/2011
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	04/09/2018
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	10/15/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	06/20/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	06/30/2010
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	07/12/2010
Action:	Corrective Action Plan / Remedial Action Plan - Addendum
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	04/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	03/14/2006
Action:	* Historical Enforcement
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	08/18/2006

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	REMEDIATION
Date:	10/10/2012
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	03/15/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	Other
Date:	06/22/1992
Action:	Leak Discovery
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	06/20/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	03/15/2005
Action:	Interim Remedial Action Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	04/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	12/19/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	01/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	06/27/2005
Action:	Soil and Water Investigation Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	12/31/2010
Action:	Soil and Water Investigation Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	10/15/2010

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	06/27/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	06/07/2007
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	03/15/2007
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	05/01/2007
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	02/19/2008
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	11/19/2004
Action:	Soil and Water Investigation Workplan
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	07/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	10/19/2004
Action:	Interim Remedial Action Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	11/19/2004
Action:	Soil and Water Investigation Workplan
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	01/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	11/19/2004

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Action:	Soil and Water Investigation Workplan
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	10/19/2004
Action:	Interim Remedial Action Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	04/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	11/17/2003
Action:	Warning Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	01/05/2004
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	09/29/2004
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	04/24/2008
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	02/06/2008
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	06/26/2008
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	06/29/2005
Action:	Soil and Water Investigation Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	05/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	12/10/2010

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Action:	Well Installation Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	01/15/2013
Action:	Interim Remedial Action Report
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	10/15/2013
Action:	Monitoring Report - Quarterly
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	10/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606100196
Action Type:	RESPONSE
Date:	01/30/2009
Action:	Other Report / Document
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	12/28/2005
Action:	* Historical Enforcement
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	10/16/2008
Action:	Staff Letter
Global Id:	T0606100196
Action Type:	ENFORCEMENT
Date:	06/06/2008
Action:	Technical Correspondence / Assistance / Other

LUST:

Global Id:	T0606100196
Status:	Open - Case Begin Date
Status Date:	06/22/1992
Global Id:	T0606100196
Status:	Open - Eligible for Closure
Status Date:	04/01/2018
Global Id:	T0606100196
Status:	Open - Remediation
Status Date:	07/31/2009
Global Id:	T0606100196
Status:	Open - Remediation
Status Date:	09/01/2012
Global Id:	T0606100196

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Status:	Open - Remediation
Status Date:	09/01/2012
Global Id:	T0606100196
Status:	Open - Site Assessment
Status Date:	08/18/1992
Global Id:	T0606100196
Status:	Open - Site Assessment
Status Date:	08/18/1993
Global Id:	T0606100196
Status:	Open - Site Assessment
Status Date:	02/02/2005
Global Id:	T0606100196
Status:	Open - Site Assessment
Status Date:	06/01/2007
Global Id:	T0606100196
Status:	Open - Site Assessment
Status Date:	01/14/2008
Global Id:	T0606100196
Status:	Open - Site Assessment
Status Date:	01/01/2010
Global Id:	T0606100196
Status:	Open - Site Assessment
Status Date:	01/01/2015
Global Id:	T0606100196
Status:	Open - Verification Monitoring
Status Date:	12/01/2014

LUST REG 5:

Region:	5
Status:	Preliminary site assessment underway
Case Number:	310245
Case Type:	Drinking Water Aquifer affected
Substance:	GASOLINE
Staff Initials:	PRS
Lead Agency:	Regional
Program:	LUST
MTBE Code:	9

CHMIRS:

OES Incident Number:	7-0190
OES notification:	01/14/1997
OES Date:	Not Reported
OES Time:	Not Reported
Date Completed:	Not Reported

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Property Use:	Not Reported
Agency Id Number:	Not Reported
Agency Incident Number:	Not Reported
Time Notified:	Not Reported
Time Completed:	Not Reported
Surrounding Area:	Not Reported
Estimated Temperature:	Not Reported
Property Management:	Not Reported
More Than Two Substances Involved?:	Not Reported
Resp Agncy Personel # Of Decontaminated:	Not Reported
Responding Agency Personel # Of Injuries:	Not Reported
Responding Agency Personel # Of Fatalities:	Not Reported
Others Number Of Decontaminated:	Not Reported
Others Number Of Injuries:	Not Reported
Others Number Of Fatalities:	Not Reported
Vehicle Make/year:	Not Reported
Vehicle License Number:	Not Reported
Vehicle State:	Not Reported
Vehicle Id Number:	Not Reported
CA DOT PUC/ICC Number:	Not Reported
Company Name:	Not Reported
Reporting Officer Name/ID:	Not Reported
Report Date:	Not Reported
Facility Telephone:	Not Reported
Waterway Involved:	No
Waterway:	Not Reported
Spill Site:	Not Reported
Cleanup By:	Unknown
Containment:	Not Reported
What Happened:	Not Reported
Type:	Not Reported
Measure:	Not Reported
Other:	Not Reported
Date/Time:	Not Reported
Year:	1997
Agency:	Roseville FD
Incident Date:	1/13/199712:00:00 AM
Admin Agency:	Roseville Fire Department
Amount:	Not Reported
Contained:	Yes
Site Type:	Residence
E Date:	Not Reported
Substance:	Petroleum waste
Gallons:	10-15 gals.
Unknown:	0
Substance #2:	Not Reported
Substance #3:	Not Reported

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not Reported
#2 Pipeline:	Not Reported
#3 Pipeline:	Not Reported
#1 Vessel >= 300 Tons:	Not Reported
#2 Vessel >= 300 Tons:	Not Reported
#3 Vessel >= 300 Tons:	Not Reported
Evacs:	Not Reported
Injuries:	Not Reported
Fatals:	Not Reported
Comments:	Not Reported
Description:	Fire Dept. responded to complaint of hydrocarbons coming up through ground. Fire Dept. evaluated that oil is originating an underground tank or sump. Leakage is stopped at the moment unless rains should occur. Fire Dept. in process is in process oof contracting cleanup once state resources are allocated.

CORTESE:

Region:	CORTESE
Envirostor Id:	Not Reported
Global ID:	T0606100196
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - ELIGIBLE FOR CLOSURE
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

EMI:

Year:	2013
County Code:	31

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

Air Basin:	SV
Facility ID:	10401
Air District Name:	PLA
SIC Code:	7521
Air District Name:	PLACER COUNTY APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	31
Air Basin:	SV
Facility ID:	10447
Air District Name:	PLA
SIC Code:	5541
Air District Name:	PLACER COUNTY APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.14314342972
Reactive Organic Gases Tons/Yr:	0.1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	31
Air Basin:	SV
Facility ID:	10401
Air District Name:	PLA
SIC Code:	7521
Air District Name:	PLACER COUNTY APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2015
County Code:	31
Air Basin:	SV
Facility ID:	10447
Air District Name:	PLA
SIC Code:	5541
Air District Name:	PLACER COUNTY APCD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.14314342972
Reactive Organic Gases Tons/Yr:	0.1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2015
County Code:	31
Air Basin:	SV
Facility ID:	10401
Air District Name:	PLA
SIC Code:	7521
Air District Name:	PLACER COUNTY APCD
Community Health Air Pollution Info System:	N
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HIST CORTESE:

Region:	CORTESE
Facility County Code:	31
Reg By:	LTNKA
Reg Id:	310245

CAIRNY PROPERTY, 412 LINCOLN ST, ROSEVILLE, CA 95661 (Continued)

CERS TANKS:

Site ID:	192896
CERS ID:	T0606100196
Site Name:	CAIRNY PROPERTY
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	THOMAS DODARO - ROSEVILLE, CITY OF
Entity Title:	Not Reported
Affiliation Address:	401 OAK STREET
Affiliation City:	ROSEVILLE
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	KYLE JOHNSON - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not Reported
Affiliation Address:	11020 Sun Center Drive, Suite 200
Affiliation City:	SACRAMENTO
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	9164643291

CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PR 101-108 CHURCH STREET, ROSEVILLE, CA, 95678			S108935241
▲ G12	SSE 1/10 - 1/3	(1722 ft. / 0.326 mi.)	State and tribal leaking storage tank lists Other Ascertainable Records
	2 ft. Higher Elevation	162 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

AQUIFLOW: YES

LUST: Other Ascertainable Records	31
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606158052
Global Id:	T0606158052
Latitude:	38.7517166666667

CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PR, 101-108 CHURCH STREET, ROSEVILLE, CA 95678 (Continued)

Longitude:	-121.28538
Status:	Completed - Case Closed
Status Date:	11/30/2010
Case Worker:	PRS
RB Case Number:	310417
Local Agency:	ROSEVILLE, CITY OF
File Location:	Not Reported
Local Case Number:	Not Reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Kerosene
Site History:	The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

LUST:

Global Id:	T0606158052
Contact Type:	Regional Board Caseworker
Contact Name:	PAUL SANDERS
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5S)
Address:	11020 SUN CENTER DRIVE #200
City:	RANCHO CORDOVA
Email:	psanders@waterboards.ca.gov
Phone Number:	Not Reported

Global Id:	T0606158052
Contact Type:	Local Agency Caseworker
Contact Name:	TOM DODARO
Organization Name:	ROSEVILLE, CITY OF
Address:	401 OAK STREET, SUITE 402
City:	ROSEVILLE
Email:	tdodaro@roseville.ca.us.
Phone Number:	Not Reported

LUST:

Global Id:	T0606158052
Action Type:	RESPONSE
Date:	04/15/2008
Action:	Soil and Water Investigation Report

Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	04/16/2008

CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PR, 101-108 CHURCH STREET, ROSEVILLE, CA 95678 (Continued)

Action:	Verbal Communication
Global Id:	T0606158052
Action Type:	Other
Date:	09/04/2007
Action:	Leak Reported
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	12/19/2008
Action:	Staff Letter
Global Id:	T0606158052
Action Type:	RESPONSE
Date:	10/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0606158052
Action Type:	RESPONSE
Date:	11/14/2007
Action:	Preliminary Site Assessment Workplan
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	08/11/2008
Action:	Staff Letter
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	11/10/2009
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	07/29/2009
Action:	Staff Letter
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	09/10/2009
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606158052
Action Type:	RESPONSE
Date:	07/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0606158052
Action Type:	REMEDIATION
Date:	07/09/2007
Action:	Excavation
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	11/18/2009

CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PR, 101-108 CHURCH STREET, ROSEVILLE, CA 95678 (Continued)

Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	11/30/2010
Action:	Closure/No Further Action Letter
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	08/27/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	07/12/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	07/08/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	10/19/2010
Action:	Staff Letter
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	07/01/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0606158052
Action Type:	RESPONSE
Date:	04/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0606158052
Action Type:	RESPONSE
Date:	11/07/2008
Action:	Soil and Water Investigation Report
Global Id:	T0606158052
Action Type:	RESPONSE
Date:	09/30/2008
Action:	Risk Assessment Report
Global Id:	T0606158052
Action Type:	RESPONSE
Date:	07/25/2008
Action:	Soil and Water Investigation Workplan
Global Id:	T0606158052
Action Type:	RESPONSE
Date:	12/28/2009

CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PR, 101-108 CHURCH STREET, ROSEVILLE, CA 95678 (Continued)

Action:	Request for Closure
Global Id:	T0606158052
Action Type:	REMEDIATION
Date:	07/25/2007
Action:	Excavation
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	09/17/2007
Action:	Staff Letter
Global Id:	T0606158052
Action Type:	RESPONSE
Date:	01/14/2011
Action:	Well Destruction Report
Global Id:	T0606158052
Action Type:	Other
Date:	06/20/2007
Action:	Leak Discovery
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	01/02/2008
Action:	Staff Letter
Global Id:	T0606158052
Action Type:	ENFORCEMENT
Date:	05/14/2008
Action:	Staff Letter

LUST:

Global Id:	T0606158052
Status:	Completed - Case Closed
Status Date:	11/30/2010
Global Id:	T0606158052
Status:	Open - Case Begin Date
Status Date:	06/20/2007
Global Id:	T0606158052
Status:	Open - Site Assessment
Status Date:	09/17/2007
Global Id:	T0606158052
Status:	Open - Site Assessment
Status Date:	12/24/2007
Global Id:	T0606158052
Status:	Open - Site Assessment
Status Date:	01/02/2008
Global Id:	T0606158052
Status:	Open - Site Assessment

CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PR, 101-108 CHURCH STREET, ROSEVILLE, CA 95678 (Continued)

Status Date:	04/10/2008

LUST REG 5:

Region:	5
Status:	Preliminary site assessment underway
Case Number:	310417
Case Type:	Drinking Water Aquifer affected
Substance:	KEROSENE
Staff Initials:	PRS
Lead Agency:	Regional
Program:	LUST
MTBE Code:	N/A

CERS TANKS:

Site ID:	256341
CERS ID:	T0606158052
Site Name:	CITY OF ROSEVILLE - CHURCH STREET REDEVELOPMENT PROJECT
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TOM DODARO - ROSEVILLE, CITY OF
Entity Title:	Not Reported
Affiliation Address:	401 OAK STREET, SUITE 402
Affiliation City:	ROSEVILLE
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	PAUL SANDERS - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not Reported
Affiliation Address:	11020 SUN CENTER DRIVE #200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
Federal NPL site list						
US	NPL	National Priority List	EPA	03/11/2019	03/14/2019	04/01/2019
US	Proposed NPL	Proposed National Priority List Sites	EPA	03/11/2019	03/14/2019	04/01/2019
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
Federal CERCLIS list						
US	SEMS	Superfund Enterprise Management System	EPA	03/11/2019	03/14/2019	04/17/2019
Federal RCRA CORRACTS facilities list						
US	CORRACTS	Corrective Action Report	EPA	03/25/2019	03/27/2019	04/17/2019
Federal RCRA TSD facilities list						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/25/2019	03/27/2019	04/17/2019
Federal RCRA generators list						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/25/2019	03/27/2019	04/17/2019
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/25/2019	03/27/2019	04/17/2019
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	03/25/2019	03/27/2019	04/17/2019
Federal institutional controls / engineering controls registries						
US	LUCIS	Land Use Control Information System	Department of the Navy	02/22/2019	03/07/2019	04/17/2019
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	01/31/2019	02/04/2019	03/08/2019
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	01/31/2019	02/04/2019	03/08/2019
Federal ERNS list						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	03/25/2019	03/26/2019	05/01/2019
State and tribal - equivalent NPL						
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	01/28/2019	01/29/2019	03/05/2019
State and tribal - equivalent CERCLIS						
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	01/28/2019	01/29/2019	03/05/2019
State and tribal landfill / solid waste disposal						
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	02/11/2019	02/12/2019	03/05/2019
State and tribal leaking storage tank lists						
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	12/10/2018	12/11/2018	01/15/2019
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/13/2018	03/07/2019	05/01/2019
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	10/17/2018	03/07/2019	05/01/2019
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	10/10/2018	03/08/2019	05/01/2019
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/16/2018	03/07/2019	05/01/2019
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	02/19/2019	03/07/2019	05/01/2019
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	11/01/2018	03/07/2019	05/01/2019
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	09/24/2018	03/12/2019	05/01/2019
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/12/2018	03/07/2019	05/01/2019
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	12/10/2018	12/11/2018	01/15/2019
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
State and tribal registered storage tank lists						
CA	UST	Active UST Facilities	SWRCB	12/10/2018	12/11/2018	01/15/2019
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	03/11/2019	03/13/2019	04/03/2019
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	12/10/2018	12/11/2018	01/15/2019
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	12/04/2018	12/06/2018	12/14/2018
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	10/17/2018	03/07/2019	05/01/2019
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	10/10/2018	03/08/2019	05/01/2019
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/16/2018	03/07/2019	05/01/2019
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	11/07/2018	03/07/2019	05/01/2019
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	11/01/2018	03/07/2019	05/01/2019
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/03/2018	03/07/2019	05/01/2019
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	09/24/2018	03/12/2019	05/01/2019
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	10/12/2018	03/07/2019	05/01/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	05/15/2017	05/30/2017	10/13/2017

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
State and tribal voluntary cleanup sites						
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	01/28/2019	01/29/2019	03/05/2019
State and tribal Brownfields sites						
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	03/25/2019	03/26/2019	04/29/2019
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2018	02/11/2019	03/21/2019
US	ROD	Records Of Decision	EPA	03/11/2019	03/14/2019	04/01/2019
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	03/11/2019	03/14/2019	03/21/2019
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
CA	SWRCY	Recycler Database	Department of Conservation	03/11/2019	03/13/2019	04/30/2019
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	09/11/2018	09/12/2018	10/11/2018
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	02/24/2019	02/26/2019	04/17/2019
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	03/11/2019	03/14/2019	03/21/2019
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	03/25/2019	03/26/2019	05/07/2019
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	05/24/2017	11/30/2017	12/15/2017
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	Delisted NPL	National Priority List Deletions	EPA	03/11/2019	03/14/2019	04/01/2019
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	03/11/2019	03/14/2019	04/17/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/25/2019	03/27/2019	04/17/2019
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	02/08/2019	02/08/2019	03/21/2019
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	12/03/2018	01/29/2019	03/21/2019
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	02/24/2019	02/26/2019	04/17/2019
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	12/17/2018	12/18/2018	01/11/2019
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/27/2018	02/27/2019	04/01/2019
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	03/11/2019	03/14/2019	04/17/2019
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2016	01/10/2018	01/12/2018
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	09/14/2018	10/11/2018	12/07/2018
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	09/08/2016	10/21/2016
US	RADINFO	Radiation Information Database	Environmental Protection Agency	01/02/2019	01/03/2019	03/15/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	02/15/2019	03/05/2019	03/15/2019
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	02/01/2019	02/14/2019	03/21/2019
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	ABANDONED MINES	Abandoned Mines	Department of Interior	03/27/2019	03/28/2019	05/01/2019
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2017	06/12/2018	08/06/2018
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	10/24/2018	01/24/2019	03/05/2019
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	03/25/2019	03/26/2019	05/01/2019
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	01/23/2019	02/26/2019	04/01/2019
CA	CUPA SAN FRANCISCO CO	CUPA Facility Listing	San Francisco County Department of Environmen	04/18/2019	04/19/2019	04/30/2019
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	03/04/2019	03/05/2019	04/01/2019
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	03/19/2019	03/22/2019	04/09/2019
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	02/27/2019	02/28/2019	04/01/2019
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	12/13/2018	01/17/2019	03/05/2019
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2017	06/20/2018	08/06/2018
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	11/01/2018	11/02/2018	12/13/2018
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	01/10/2019	01/23/2019	03/05/2019
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	02/15/2019	02/19/2019	03/05/2019
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	03/26/2019	03/27/2019	04/30/2019
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2017	10/10/2018	11/16/2018
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	02/19/2019	02/20/2019	03/05/2019
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	01/07/2019	01/08/2019	03/05/2019
CA	ICE	ICE	Department of Toxic Subsances Control	02/19/2019	02/20/2019	03/05/2019
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Qualilty Control Board	12/10/2018	12/11/2018	01/15/2019
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	02/28/2019	03/01/2019	04/02/2019
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	12/10/2018	12/11/2018	01/15/2019
CA	MINES	Mines Site Location Listing	Department of Conservation	12/10/2018	12/12/2018	01/15/2019
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	02/20/2019	03/05/2019	04/02/2019
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	02/11/2019	02/12/2019	03/07/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	03/04/2019	03/05/2019	04/05/2019
CA	PROC	Certified Processors Database	Department of Conservation	03/11/2019	03/13/2019	04/29/2019
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	03/18/2019	03/19/2019	04/29/2019
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	01/28/2019	01/29/2019	03/05/2019
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	04/27/2018	06/13/2018	07/17/2018
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	05/08/2018	07/11/2018	09/13/2018
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	12/10/2018	12/11/2018	01/15/2019
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	02/21/2019	02/22/2019	04/15/2019
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	04/09/2019	04/11/2019	05/08/2019
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	03/05/2019	03/05/2019	04/02/2019
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	12/10/2018	12/11/2018	01/15/2019
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	12/10/2018	12/11/2018	01/15/2019
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	04/09/2019	04/11/2019	05/08/2019
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	12/10/2018	12/11/2018	01/15/2019
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	03/11/2019	03/13/2019	04/29/2019
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2017	01/17/2019	04/01/2019
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	02/19/2019	02/21/2019	04/01/2019
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/31/2018	07/26/2018	10/05/2018
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	12/10/2018	12/11/2018	01/15/2019
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	12/10/2018	12/11/2018	01/15/2019
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	12/10/2018	12/11/2018	01/15/2019
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	03/03/2019	03/05/2019	04/01/2019
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	12/10/2018	12/11/2018	01/15/2019
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	04/09/2019	04/11/2019	05/08/2019

HISTORICAL USE RECORDS

US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
COUNTY RECORDS						
CA	CS ALAMEDA	Contaminated Sites	Alameda County Environmental Health Services	01/09/2019	01/11/2019	03/05/2019
CA	UST ALAMEDA	Underground Tanks	Alameda County Environmental Health Services	01/07/2019	01/08/2019	03/08/2019
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	01/07/2019	01/08/2019	03/07/2019
CA	CUPA BUTTE	CUPA Facility Listing	Public Health Department	04/21/2017	04/25/2017	08/09/2017
CA	CUPA CALVERAS	CUPA Facility Listing	Calveras County Environmental Health	01/24/2019	01/25/2019	03/05/2019
CA	CUPA COLUSA	CUPA Facility List	Health & Human Services	02/27/2019	02/28/2019	04/01/2019
CA	SL CONTRA COSTA	Site List	Contra Costa Health Services Department	02/14/2019	02/19/2019	03/08/2019
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	01/16/2019	02/05/2019	03/05/2019
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	02/27/2019	02/28/2019	04/01/2019
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	04/10/2019	04/11/2019	04/30/2019
CA	CUPA GLENN	CUPA Facility List	Glenn County Air Pollution Control District	01/22/2018	01/24/2018	03/14/2018
CA	CUPA HUMBOLDT	CUPA Facility List	Humboldt County Environmental Health	12/11/2018	12/13/2018	01/15/2019
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	01/18/2019	01/23/2019	03/05/2019
CA	CUPA INYO	CUPA Facility List	Inyo County Environmental Health Services	04/02/2018	04/03/2018	06/14/2018
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	01/28/2019	02/07/2019	03/08/2019
CA	CUPA KINGS	CUPA Facility List	Kings County Department of Public Health	02/14/2019	02/19/2019	03/05/2019
CA	CUPA LAKE	CUPA Facility List	Lake County Environmental Health	02/08/2019	02/12/2019	03/12/2019
CA	CUPA LASSEN	CUPA Facility List	Lassen County Environmental Health	01/17/2019	01/18/2019	03/05/2019
CA	AOCONCERN	Key Areas of Concerns in Los Angeles County		03/30/2009	03/31/2009	10/23/2009
CA	HMS LOS ANGELES	HMS: Street Number List	Department of Public Works	12/19/2018	01/10/2019	03/07/2019
CA	LF LOS ANGELES	List of Solid Waste Facilities	La County Department of Public Works	01/14/2019	01/15/2019	03/07/2019
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Engineering & Construction Division	01/01/2019	01/15/2019	03/07/2019
CA	SITE MIT LOS ANGELES	Site Mitigation List	Community Health Services	01/30/2019	02/01/2019	03/07/2019
CA	UST EL SEGUNDO	City of El Segundo Underground Storage Tank	City of El Segundo Fire Department	01/21/2017	04/19/2017	05/10/2017
CA	UST LONG BEACH	City of Long Beach Underground Storage Tank	City of Long Beach Fire Department	03/09/2017	03/10/2017	05/03/2017
CA	UST TORRANCE	City of Torrance Underground Storage Tank	City of Torrance Fire Department	10/02/2018	10/05/2018	11/02/2018
CA	CUPA MADERA	CUPA Facility List	Madera County Environmental Health	02/20/2019	02/22/2019	03/07/2019
CA	UST MARIN	Underground Storage Tank Sites	Public Works Department Waste Management	09/26/2018	10/04/2018	11/02/2018
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	03/11/2019	03/19/2019	05/08/2019
CA	CUPA MONO	CUPA Facility List	Mono County Health Department	02/21/2019	02/26/2019	04/01/2019
CA	CUPA MONTEREY	CUPA Facility Listing	Monterey County Health Department	02/05/2019	02/07/2019	03/05/2019
CA	LUST NAPA	Sites With Reported Contamination	Napa County Department of Environmental Manag	01/09/2017	01/11/2017	03/02/2017
CA	UST NAPA	Closed and Operating Underground Storage Tank Sites	Napa County Department of Environmental Manag	02/21/2019	02/22/2019	03/08/2019
CA	CUPA NEVADA	CUPA Facility List	Community Development Agency	01/25/2019	01/29/2019	03/05/2019
CA	IND_SITE ORANGE	List of Industrial Site Cleanups	Health Care Agency	01/02/2019	02/07/2019	03/05/2019
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	01/02/2019	02/08/2019	03/06/2019
CA	UST ORANGE	List of Underground Storage Tank Facilities	Health Care Agency	01/02/2019	02/05/2019	03/08/2019
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	02/28/2019	03/01/2019	04/12/2019
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	01/14/2019	01/18/2019	03/05/2019
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	04/11/2019	04/12/2019	04/30/2019
CA	UST RIVERSIDE	Underground Storage Tank Tank List	Department of Environmental Health	01/29/2019	01/31/2019	03/08/2019
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	11/07/2018	01/04/2019	03/05/2019
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	11/07/2018	12/28/2018	03/05/2019
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	03/11/2019	03/13/2019	04/30/2019
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	02/27/2019	02/28/2019	04/02/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	03/04/2019	03/05/2019	04/02/2019
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	04/18/2018	04/24/2018	06/19/2018
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	03/06/2019	03/06/2019	04/29/2019
CA	SAN DIEGO CO. SAM	Environmental Case Listing	San Diego County Department of Environmental	03/23/2010	06/15/2010	07/09/2010
CA	LUST SAN FRANCISCO	Local Oversite Facilities	Department Of Public Health San Francisco Cou	09/19/2008	09/19/2008	09/29/2008
CA	UST SAN FRANCISCO	Underground Storage Tank Information	Department of Public Health	11/05/2018	11/06/2018	12/14/2018
CA	UST SAN JOAQUIN	San Joaquin Co. UST	Environmental Health Department	06/22/2018	06/26/2018	07/11/2018
CA	CUPA SAN LUIS OBISPO	CUPA Facility List	San Luis Obispo County Public Health Departme	02/13/2019	02/15/2019	03/14/2019
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	03/04/2019	03/13/2019	04/29/2019
CA	LUST SAN MATEO	Fuel Leak List	San Mateo County Environmental Health Service	12/13/2018	12/18/2018	01/23/2019
CA	CUPA SANTA BARBARA	CUPA Facility Listing	Santa Barbara County Public Health Department	09/08/2011	09/09/2011	10/07/2011
CA	CUPA SANTA CLARA	Cupa Facility List	Department of Environmental Health	02/13/2019	02/19/2019	03/06/2019
CA	HIST LUST SANTA CLARA	HIST LUST - Fuel Leak Site Activity Report	Santa Clara Valley Water District	03/29/2005	03/30/2005	04/21/2005
CA	LUST SANTA CLARA	LOP Listing	Department of Environmental Health	03/03/2014	03/05/2014	03/18/2014
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	01/30/2019	02/01/2019	03/07/2019
CA	CUPA SANTA CRUZ	CUPA Facility List	Santa Cruz County Environmental Health	01/21/2017	02/22/2017	05/23/2017
CA	CUPA SHASTA	CUPA Facility List	Shasta County Department of Resource Manageme	06/15/2017	06/19/2017	08/09/2017
CA	LUST SOLANO	Leaking Underground Storage Tanks	Solano County Department of Environmental Man	03/05/2019	03/07/2019	04/29/2019
CA	UST SOLANO	Underground Storage Tanks	Solano County Department of Environmental Man	03/05/2019	03/07/2019	04/03/2019
CA	CUPA SONOMA	Cupa Facility List	County of Sonoma Fire & Emergency Services De	03/18/2019	03/26/2019	05/01/2019
CA	LUST SONOMA	Leaking Underground Storage Tank Sites	Department of Health Services	04/03/2019	04/11/2019	04/30/2019
CA	CUPA STANISLAUS	CUPA Facility List	Stanislaus County Department of Ennvironmenta	12/11/2018	12/13/2018	01/15/2019
CA	UST SUTTER	Underground Storage Tanks	Sutter County Environmental Health Services	02/28/2019	03/01/2019	04/03/2019
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	12/13/2018	12/18/2018	01/15/2019
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	01/18/2019	01/23/2019	03/06/2019
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	12/26/2018	12/27/2018	01/15/2019
CA	CUPA TUOLUMNE	CUPA Facility List	Divison of Environmental Health	04/23/2018	04/25/2018	06/25/2018
CA	BWT VENTURA	Business Plan, Hazardous Waste Producers, and Operating Unde	Ventura County Environmental Health Division	12/26/2018	01/24/2019	02/28/2019
CA	LF VENTURA	Inventory of Illegal Abandoned and Inactive Sites	Environmental Health Division	12/01/2011	12/01/2011	01/19/2012
CA	LUST VENTURA	Listing of Underground Tank Cleanup Sites	Environmental Health Division	05/29/2008	06/24/2008	07/31/2008
CA	MED WASTE VENTURA	Medical Waste Program List	Ventura County Resource Management Agency	12/26/2018	01/24/2019	03/07/2019
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	02/26/2019	03/13/2019	04/03/2019
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	12/26/2018	01/03/2019	01/16/2019
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	02/08/2019	02/12/2019	03/06/2019

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 E

Drainage Memorandum

MEMORANDUM

To: Noah Siviglia, City of Roseville Project No.: SA-19130

From: Mark Thomas

Date: April 6, 2020

RE: Drainage Memo (DRAFT), Washington/All-America City Boulevard Roundabout

Purpose

The purpose of this memorandum is to present the drainage design based on the proposed hydrology conditions and the hydraulic analysis for the Washington/All America City Boulevard Roundabout Project. This memorandum will also discuss the methodology and standards used in the drainage design. The design will focus only on the roadway drainage, by analyzing runoff spread width, and storm drain inlet and pipe capacities.

Project Background and Description

The WAAC Roundabout Project (proposed project) includes improvements at the intersection at Washington Boulevard and All America City Boulevard/Lincoln Street (see Figure 1). Washington Boulevard is a five-lane undivided arterial with two through lanes in each direction and designated turn lanes. There are no traffic control devices along Washington Boulevard at the intersection. All America City Boulevard is a three-lane collector with landscaped center median, single lanes in each direction and a designated northbound turn lane, which is stop controlled. Lincoln Street is an undivided street with one lane in each direction, no designated turn lanes, and is stop controlled. Improvements include a roundabout that would maintain the multilane configuration for the north and southbound directions along Washington Boulevard with a single lane approach and departure from All America City Boulevard on the west and Lincoln Street on the east. The proposed project would facilitate pedestrian improvements including a multiuse trail, bike lane, improvements to the existing crosswalk on All America City Boulevard, and new crosswalks on Washington Boulevard and Lincoln Street. The roundabout would enhance safety at the intersections by eliminating the need for the current stop-controlled traffic sign and would reduce the speed at which drivers currently proceed through the intersection. The proposed improvements would enhance safety and accessibility for bicyclists and pedestrian, while improving roadway aesthetics and would reduce vehicle emissions by improving the efficiency of traffic conduction.

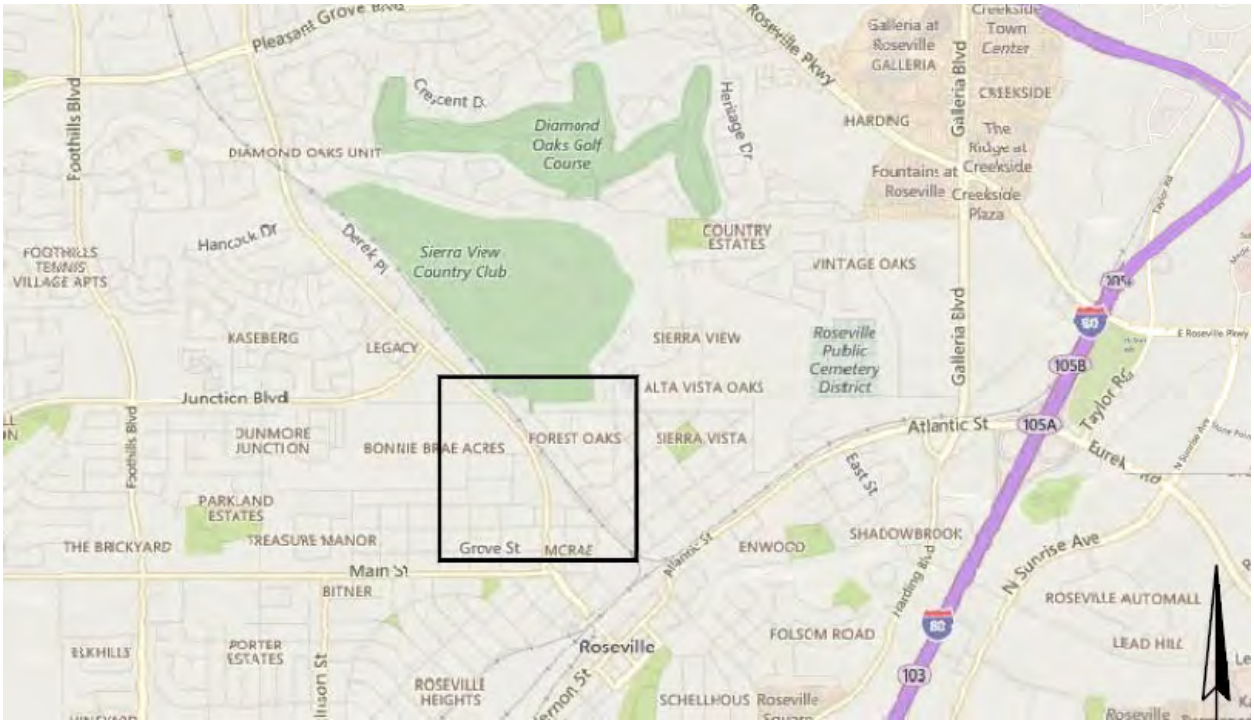


Figure 1 - Project Location

Existing Drainage Conditions

Within the project limits, Washington Boulevard is a five-lane, undivided arterial facility that connects the city's historical center with Highway 65 to the northeast. Through the project area, runoff trends north to a system of ditches that ultimately discharge South Branch Pleasant Grove Creek (SBPGC). Along Washington Boulevard south of All America City Boulevard, runoff is captured along curb and gutter on the west side of the road which flows to a drain inlet located at a sag point on the west side of Washington Boulevard. A portion of All America City Boulevard also collects and flows along curb and gutter to this inlet. This storm drain system then travels east under Washington Boulevard and discharges to a roadside ditch on the east side of Washington Boulevard. A vacant lot between Washington Boulevard and Lincoln Street sheet flows into the same ditch that runs along the east side of Washington Boulevard. This ditch flows north through a cross culvert under Lincoln Street and continues flowing north in a ditch that runs along the west side of the Union Pacific rail line. The other half of All America Boulevard along with the northern portion of Washington Boulevard collects within curb and gutter and flows offsite along curb and gutter along the east side of Washington Boulevard.

Proposed Drainage Conditions

The proposed drainage system aims to maintain existing drainage patterns. The proposed overall watershed area will remain the same as compared to the existing conditions. The proposed watershed map can be found in Appendix A. In accordance to the City of Roseville Design Standard (RDS), Section 10: Drainage, the project needs to accommodate local drainage system using 10-year storm peak discharge. The Project will maintain the existing sag point on Washington Boulevard and introduce a new sag point within the roundabout. In areas where flow is now concentrated by new curb and gutter, inlets have been introduced as well as curb cuts to permit drainage into a lined trapezoidal channel that will carry the existing ditch flow to its existing discharge point.

Hydrology

The hydrology for the project is based on the procedures outlined in the RDS and Placer County Flood Control and Water Conservation District's (PCFCD) *Stormwater Management Manual* (SWMM), including Addendum I and materials referenced the documents.

The drainage area analyzed includes Washington Boulevard, All America City Boulevard, and adjacent pervious areas within the City right-of-way. Minimal offsite run-on comes from the berm which runs along UPR right of way. The drainage area was determined by aerial topographic map review as well as local survey.

Runoff

In accordance with Section 10-8 of the RDS, design peak runoff was calculated using the unit peak discharge method outlined in the SWMM. The SWMM allows the use of the Unit Peak Discharge Method for tributary areas of less than 200 acres. The equation for determining the peak discharge (Q_p) for a 10-, 25-, and 100-year storm event is as follows:

Equation 1: $Q_p = A(q_u\text{-}pF_i)$ where:
A = Contributing Area (acres)
q_u= Unit Peak Discharge (cfs/acre)
p = Percentage of Pervious Area (%)
F_i=Infiltration Rate (inches/hour) (Per Table 10-5)

The Unit Peak Discharge (q_u) is an estimation of discharge per acre, given the response time (T_r) for a given basin, and the historical storm data in the region. The equation for unit peak discharge is as follows:

Equation 2: $q_u = CoT_r^{C1}$ where:
Co and C1 = coefficient values from Table 10-4
T_r = Response Time (minutes)

To find the initial response time, the distance of the flow travelled overland and within channels is divided by the computed velocity, as follows:

Equation 3: $T_r = L/(V*C_f)$ where:
L = Length of flow in gutter (feet)
V = Velocity of flow in gutter (feet/second)
C_f = Celerity Factor

The velocity computed for open channel flow using Manning's equation was increased by an adjustment factor, as follows, to account for celerity:

Channel Section: Triangle
C_f (Celerity Factor): 1.33

Channel Section: Wide Rectangle/Trapezoid
Cf (Celerity Factor): 1.67

If the computed response time was less than five minutes, a minimum response time of five minutes was used to calculate the unit peak discharge (Equation 2).

Hydrology calculations for the 10-, 25- and 100-year storm events of the proposed conditions for each proposed watershed can be found in Appendix B.

Hydraulic Criteria

Gutter Spread-width and Inlet Efficiency Calculations

The gutter spread-width and inlet efficiency were analyzed at locations where storm runoff will be contained by proposed curb and gutter (Table 6-1, SWMM Addendum 1). Based on the Allowable Street Inundation for an arterial road, all travel lanes are to remain clear of storm water flow for the 100-year storm event. In order to ensure that the spread will not encroach the traveled way, the spread-width is allowed to develop within the available shoulder, bike lane, bus pullout, and gutter. To accommodate gutter flow through the roundabout where there is no bike lane or shoulder, gutter spread is permitted to encroach the outer 3 feet of the outermost lane. Spread-width analyses and results are available in Appendix C.

Pipe Capacity Analysis

A minimum pipe diameter of 12" was used in laying out proposed storm drain pipes within the drainage area. Slopes of 0.17% or greater were used to meet a minimum cleaning velocity of 2 feet per second in the full pipe flow condition.

Hydraulic Grade Lines

The hydraulic grade lines (HGL) will be prepared during the final phase of design.

Ditch Analysis

Open channels have been designed according to criteria listed in the RDS under section 10-18 A. Ditches are designed to have one foot of freeboard during the 100yr storm event and sloped to achieve 2.5 fps in unlined channels and 3.0 fps in lined channels. Hydraulic results for proposed ditches are found in Appendix C.

Conclusion

The project will perpetuate the existing drainage patterns within the project footprint. The discharge points of the existing watershed will be maintained. The proposed storm drain system will be able to safely collect and discharge roadway runoff without inhibiting traveled ways and causing detriment to adjacent properties.

APPENDICES

- Appendix A – Site Maps
- Appendix B – Hydrologic Analysis
- Appendix C – Hydraulic Analysis
- Appendix D – Drainage Plan Sheets

APPENDIX A

Site Maps

- Proposed Watershed Map
- WSS HSG Map

LEGEND

WATERSHED AREA

PERVIOUS AREA

RUNOFF DIRECTION

WS-1c
0.31 AC
41% PERVIOUS

WS-5c
0.08 AC
12% PERVIOUS

RUNOFF FLOWS TO ADJACENT CONCURRENT PROJECT

WS-7
0.11 AC
100% PERVIOUS

WS-6
0.44 AC
28% PERVIOUS

WS-2
2.97 AC
85% PERVIOUS

LINCOLN STREET

WASHINGTON BOULEVARD

RUNOFF FLOWS TO ADJACENT CONCURRENT PROJECT

WS-5b
0.12 AC
22% PERVIOUS

WS-5a
0.10 AC
8% PERVIOUS

WS-3a
0.12 AC
22% PERVIOUS

WS-3c
0.06 AC
0% PERVIOUS

WS-3b
0.66 AC
26% PERVIOUS

WS-1a
0.16 AC
17% PERVIOUS

WS-1b
0.28 AC
15% PERVIOUS

ALL AMERICA CITY BOULEVARD

DATE: April, 2020

0 20 50
SCALE: 1"=50'

WASHINGTON BLVD. AT ALL AMERICA CITY BLVD. ROUNDABOUT PROJECT

WATERSHED EXHIBIT

MARK THOMAS



Map Scale: 1:3,610 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 150 300 600 900

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

Soil Rating Polygons

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Lines

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Points

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Placer County, California, Western Part
Survey Area Data: Version 11, Sep 16, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 11, 2019—May 12, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
142	Cometa-Ramona sandy loams, 1 to 5 percent slopes	D	26.0	100.0%
Totals for Area of Interest			**26.0**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

APPENDIX B

Hydrologic Analysis

- Hydrology Calculations
  (10-, 25-, and 100-year storm)

Time of Concentration - Proposed

Washington/All America City Boulevard Roundabout

Watershed ID	Receiving Element	Overland Flow				Shallow Concentrated Flow					Collector Flow - Gutter[1] Celerity Factor: 1.33							Collector Flow - Ditch[1] Celerity Factor: 1.67										Total Tc	Design Tc
		L_o	S	n	T_o	L_{sc}	S	k	V	T_{sc}	n	S_X	S_L	Depth	V^2	L_g	T_g	Section	b	d	z1	z2	n	S	V^2	L_c	T_{oc}		
		ft	ft/ft		min	ft	ft/ft		ft/sec	min		ft/ft	ft/ft	ft	ft/s	ft	min		ft	ft	h:v	h:v		ft/ft	ft/s	ft	min	min	min
WS-2	Ditch 1/Pipe 2b	100	0.02000	0.023	**1.89**	256	0.0200	0.213	0.10	**43.18**								Trapezoidal	7.00	2.00	3:2	2:1	0.24	0.01000	0.78	478	**6.12**	8.01	**8.01**
Outfall	Ditch 2																												
Hold Tc for 1h																													
WS-3a	Inlet 3e	36	0.01130	0.011	**0.78**						0.011	0.0446	0.00730	0.104	1.70	78	**0.57**											1.36	**5.00**
WS-3b	Exist DI	81	0.02560	0.106	**3.87**						0.011	0.0446	0.00470	0.104	1.37	106	**0.97**											4.84	**5.00**
WS-3C	Inlet 3i	36	0.01620	0.011	**0.70**						0.011	0.0446	0.01470	0.104	2.42	78	**0.40**											1.11	**5.00**
Outfall	Ditch 2																												
Hold Tc for 1h																													
WS-6	Ditch 2	33	0.02000	0.120	**2.62**													Trapezoidal	6.00	3.00	1:1	1:1	0.01	0.00127	6.24	63	**0.10**	2.72	**5.00**
Hold Tc for 1h																													
Longest Path + Ditch 2 Time	Pipe 1h/Ditch 2																												**8.11**
Combine	**Pipe 1h**																												**8.11**
Hold Tc for 1l																													
WS-1a	Inlet 1a	26	0.01500	0.011	**0.59**						0.011	0.0446	0.01030	0.104	2.08	180	**1.08**											1.67	**5.00**
WS-1b	Inlet 1e	18	0.03990	0.011	**0.35**						0.011	0.0446	0.01180	0.104	2.17	240	**1.39**											1.74	**5.00**
WS-1c	Inlet 1i, 1k	110	0.02670	0.090	**4.17**						0.011	0.0446	0.00220	0.104	1.09	59	**0.68**											4.84	**5.00**
Hold Tc for 1l																													
Combine All	**Pipe 1l**																												**8.11**
Outfall	Exist Ditch																												
WS-5a	Inlet 5a	26	0.02290	0.011	**0.52**						0.011	0.04464	0.01600	0.104	2.52	67	**0.33**											0.85	**5.00**
WS-5b	Inlet 5c	54	0.02890	0.011	**0.75**						0.011	0.04464	0.01330	0.104	2.37	67	**0.35**											1.11	**5.00**
WS-5c	Inlet 5e	68	0.01750	0.011	**1.00**						0.011	0.04464	0.00200	0.104	0.89	52	**0.73**											1.74	**5.00**
Outfall	Exist Ditch																												

[1] Assume bankfull condition

[2] Obtained with Autodesk Hydraflow Express

Peak Flows - 10, 25, 100yr - Proposed

Washington/All America City Boulevard Roundabout

Watershed ID	Receiving Element	Area		Pervious Area		Impervious Area	% Pervious	Hydrologic Soil Group (A,B,C,D)	Cover Type	Quality of Cover	Infiltration Rate	Infiltration Factor, Fi	10yr		25yr		100yr		Total Tc	Peak Unit Discharge, Qu			Peak Discharge, Qp		
													C0	C1	C0	C1	C0	C1		10yr	25yr	100yr	10yr	25yr	100yr
		sf	ac	sf	ac	ac					in/hr	cfs/acre							min	cfs/acre			cfs		
WS-2	Ditch 1/Pipe 2b	129499	2.97	109621	2.52	0.45	85%	D	Open	Good	0.09	0.15	5.80	-0.50	7.54	-0.50	9.28	-0.50	8.01	2.05	2.66	3.28	**5.70**	**7.53**	**9.35**
Outfall	Ditch 2																								
Hold Tc for 1h/Ditch 2																									
WS-3a	Inlet 3e	5366	0.12	1162	0.03	0.09	22%	D	Streets	Good	0.04	0.07	5.80	-0.50	7.54	-0.50	9.28	-0.50	5.00	2.59	3.37	4.15	**0.31**	**0.40**	**0.50**
WS-3b	Exist DI	28584	0.66	7374	0.17	0.49	26%	D	Streets	Good	0.04	0.07	5.80	-0.50	7.54	-0.50	9.28	-0.50	5.00	2.59	3.37	4.15	**1.70**	**2.21**	**2.73**
WS-3C	Inlet 3i	2700	0.06	0	0.00	0.06	0%	D	Streets	Good	0.04	0.07	5.80	-0.50	7.54	-0.50	9.28	-0.50	5.00	2.59	3.37	4.15	**0.16**	**0.20**	**0.25**
Outfall	Ditch 2																								
Hold Tc for 1h/Ditch 2																									
WS-6	Ditch 2	19188	0.44	5321	0.12	0.32	28%	D	Streets	Good	0.04	0.07	5.80	-0.50	7.54	-0.50	9.28	-0.50	5.00	2.59	3.37	4.15	**1.13**	**1.48**	**1.82**
Hold Tc for 1h/Ditch 2																									
Longest Path + Ditch 2 Time	Pipe 1h/Ditch 2																		8.11						
Combine	Pipe 1h/Ditch 2	185337	4.25	123478	2.83	1.42	67%	D	Streets	Good	0.04	0.07	5.80	-0.50	7.54	-0.50	9.28	-0.50	8.11	2.04	2.65	3.26	**8.46**	**11.06**	**13.66**
Hold Tc for 1l																									
WS-1a	Inlet 1a	6936	0.16	1211	0.03	0.13	17%	D	Streets	Good	0.04	0.07	5.80	-0.50	7.54	-0.50	9.28	-0.50	5.00	2.59	3.37	4.15	**0.41**	**0.54**	**0.66**
WS-1b	Inlet 1e	12194	0.28	1877	0.04	0.24	15%	D	Streets	Good	0.04	0.07	5.80	-0.50	7.54	-0.50	9.28	-0.50	5.00	2.59	3.37	4.15	**0.72**	**0.94**	**1.16**
WS-1c	Inlet 1i, 1k	13427	0.31	5551	0.13	0.18	41%	D	Streets	Good	0.04	0.07	5.80	-0.50	7.54	-0.50	9.28	-0.50	5.00	2.59	3.37	4.15	**0.80**	**1.04**	**1.28**
Hold Tc for 1l																									
Combine All	Pipe 1l	217894	5.00	132117	3.03	1.97	61%	D	Streets	Good	0.04	0.07	5.80	-0.50	7.54	-0.50	9.28	-0.50	8.11	2.04	2.65	3.26	**9.98**	**13.03**	**16.09**
Outfall	Exist Ditch																								
WS-5a	Inlet 5a	4219	0.10	317	0.01	0.09	8%	D	Streets	Good	0.04	0.07	5.80	-0.50	7.54	-0.50	9.28	-0.50	5.00	2.59	3.37	4.15	**0.26**	**0.34**	**0.41**
WS-5b	Inlet 5a	5093	0.12	1140	0.03	0.09	22%	D	Streets	Good	0.04	0.07	5.80	-0.50	7.54	-0.50	9.28	-0.50	5.00	2.59	3.37	4.15	**0.31**	**0.40**	**0.50**
WS-5c	Inlet 5e	3563	0.08	429	0.01	0.07	12%	D	Streets	Good	0.04	0.07	5.80	-0.50	7.54	-0.50	9.28	-0.50	5.00	2.59	3.37	4.15	**0.21**	**0.27**	**0.33**
Outfall	Exist Ditch																								

APPENDIX C

Hydraulic Analysis

- Inlet Efficiency and Spread-width Summary and Analysis Reports (10- and 100-year storm)
- Ditch Summary and Analysis Reports (10- and 100-year storm)

Inlet Efficiency and Spread - 10yr

Washington/All America City Boulevard Roundabout

Inlet ID	Inlet Location	Sx	n	Sw	SL	Bypass Received	Contributing Watershed	Peak Discharge, 10yr	Total Flow	Captured	Bypass	Efficiency	Depth	Total Spread	Spread Allowance
		ft/ft		ft/ft	ft/ft	cfs		cfs	cfs	cfs	cfs	%	in	ft	ft
1e	On Grade	0.03990	0.011	0.0446	0.01180	-	WS-1b	0.72	**0.72**	0.61	0.11	85%	0.85	**3.34**	5.33
3e	On Grade	0.01130	0.011	0.0446	0.00730	0.11	WS-3a	0.31	**0.42**	0.36	0.06	85%	1.54	**4.48**	5.33
Exist DI	In Sag	0.02560	0.011	0.0446	0.00470	0.06	WS-3b	1.70	**1.76**	1.76	0.00	100%	3.11	**8.25**	17.00
1a	On Grade	0.01500	0.011	0.0446	0.01030	-	WS-1a	0.41	**0.41**	0.36	0.05	88%	1.45	**3.37**	5.33
5a	On Grade	0.02290	0.011	0.04464	0.01600	0.05	WS-5a	0.26	**0.31**	0.29	0.02	95%	1.20	**2.23**	5.33
5c	On Grade	0.02890	0.011	0.04464	0.01330	0.02	WS-5b	0.31	**0.33**	0.31	0.02	93%	1.28	**2.38**	5.33
3i	On Grade	0.01620	0.011	0.0446	0.01470	-	WS-3C	0.16	**0.16**	0.16	0.00	100%	0.95	**1.77**	5.33
1i, 1k	Sag	0.02670	0.011	0.0446	0.00220	-	WS-1c	0.80	**0.80**	0.80	0.00	100%	1.76	**3.87**	5.33
5e	On Grade	0.01750	0.011	0.04464	0.00200	-	WS-5c	0.21	**0.21**	0.19	0.02	92%	1.53	**3.57**	5.33

Inlet Report

Exist DI - 10yr

Combination Inlet

Location	= Sag
Curb Length (ft)	= 3.00
Throat Height (in)	= 7.25
Grate Area (sqft)	= 4.89
Grate Width (ft)	= 1.63
Grate Length (ft)	= 3.00

Gutter

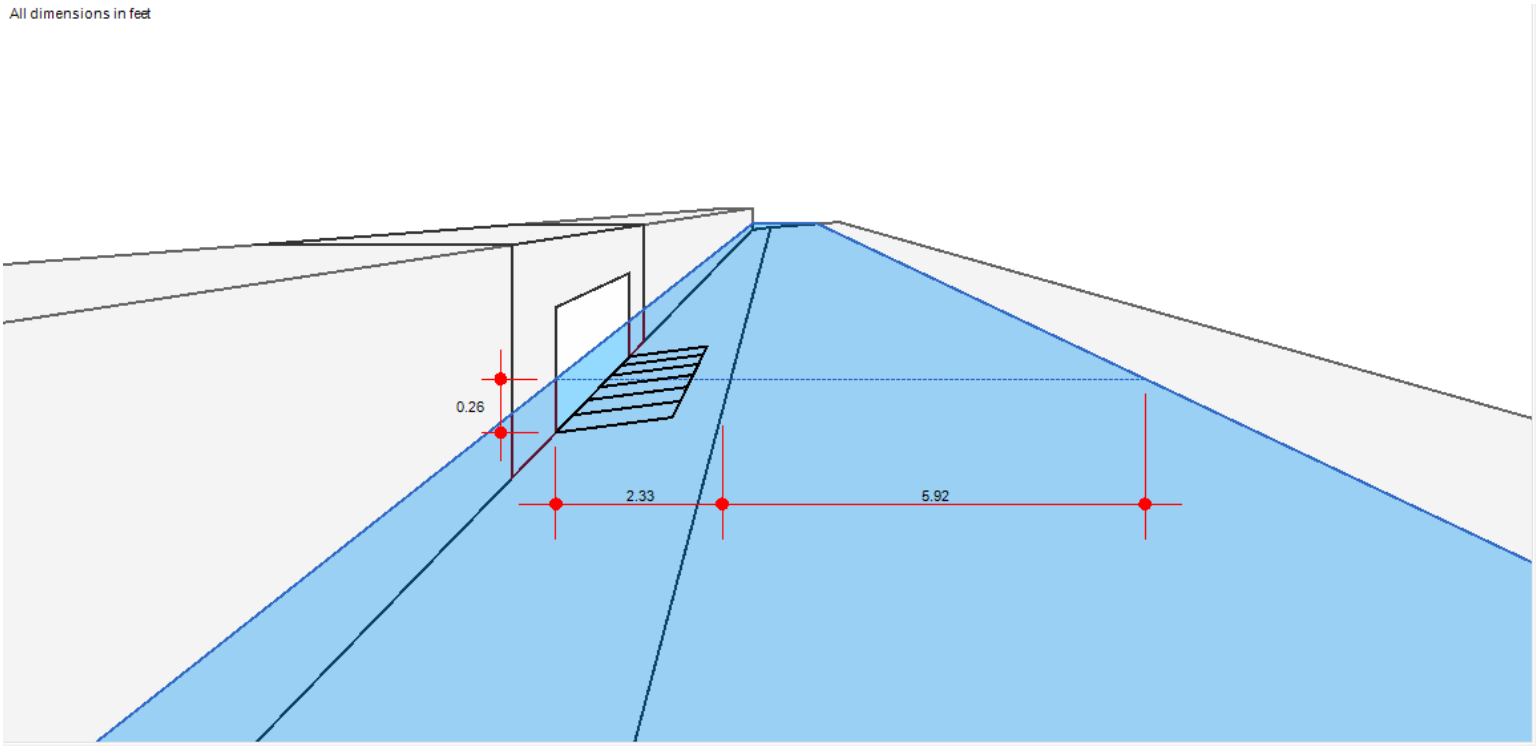
Slope, Sw (ft/ft)	= 0.045
Slope, Sx (ft/ft)	= 0.026
Local Depr (in)	= -0-
Gutter Width (ft)	= 2.33
Gutter Slope (%)	= -0-
Gutter n-value	= -0-

Calculations

Compute by:	Known Q
Q (cfs)	= 1.76

Highlighted

Q Total (cfs)	= 1.76
Q Capt (cfs)	= 1.76
Q Bypass (cfs)	= -0-
Depth at Inlet (in)	= 3.11
Efficiency (%)	= 100
Gutter Spread (ft)	= 8.25
Gutter Vel (ft/s)	= 2.07
Bypass Spread (ft)	= -0-
Bypass Depth (in)	= -0-



Inlet Report

Inlet 1a - 10yr

Combination Inlet

Location	= On grade
Curb Length (ft)	= 3.00
Throat Height (in)	= 7.25
Grate Area (sqft)	= -0-
Grate Width (ft)	= 1.63
Grate Length (ft)	= 3.00

Gutter

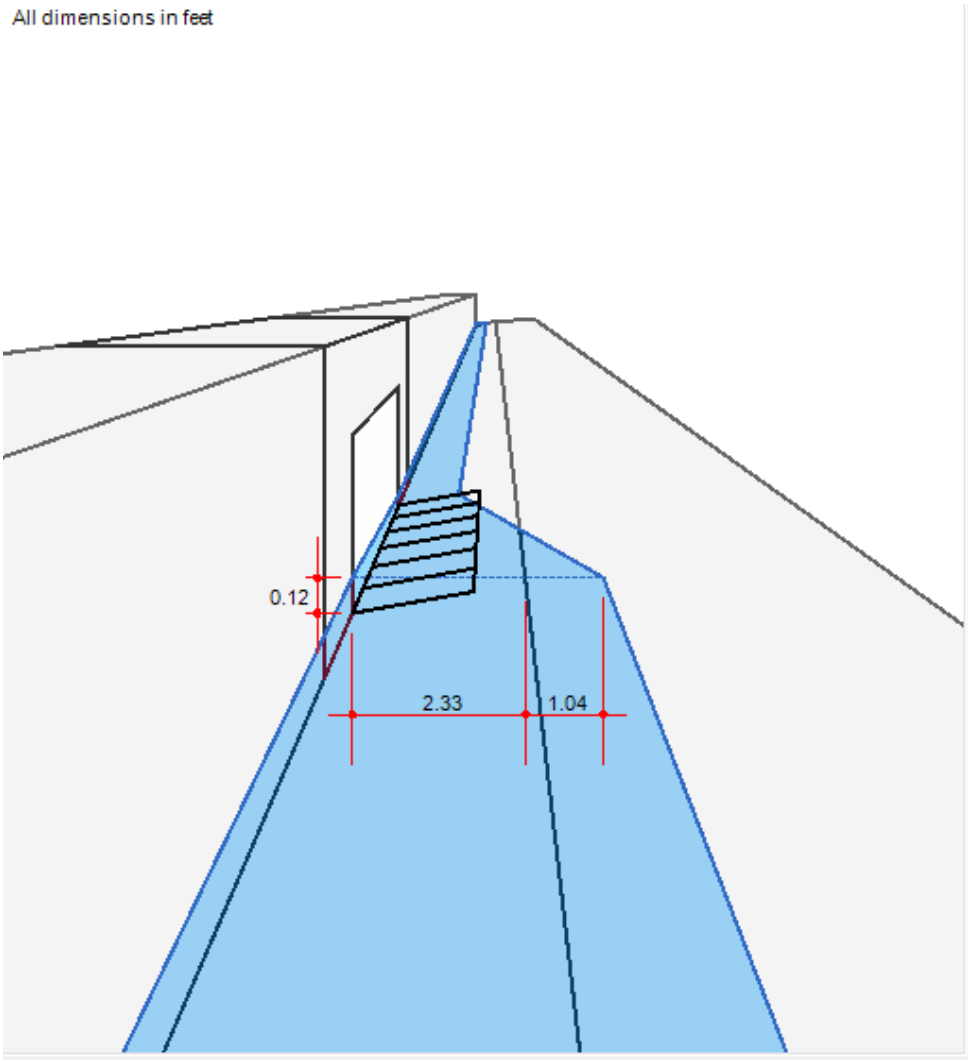
Slope, Sw (ft/ft)	= 0.045
Slope, Sx (ft/ft)	= 0.015
Local Depr (in)	= -0-
Gutter Width (ft)	= 2.33
Gutter Slope (%)	= 1.03
Gutter n-value	= 0.011

Calculations

Compute by:	Known Q
Q (cfs)	= 0.41

Highlighted

Q Total (cfs)	= 0.41
Q Capt (cfs)	= 0.36
Q Bypass (cfs)	= 0.05
Depth at Inlet (in)	= 1.45
Efficiency (%)	= 88
Gutter Spread (ft)	= 3.37
Gutter Vel (ft/s)	= 2.46
Bypass Spread (ft)	= 1.21
Bypass Depth (in)	= 0.65



Inlet Report

Inlet 1e - 10yr

Combination Inlet

Location	=	On grade
Curb Length (ft)	=	3.00
Throat Height (in)	=	7.25
Grate Area (sqft)	=	-0-
Grate Width (ft)	=	1.63
Grate Length (ft)	=	3.00

Gutter

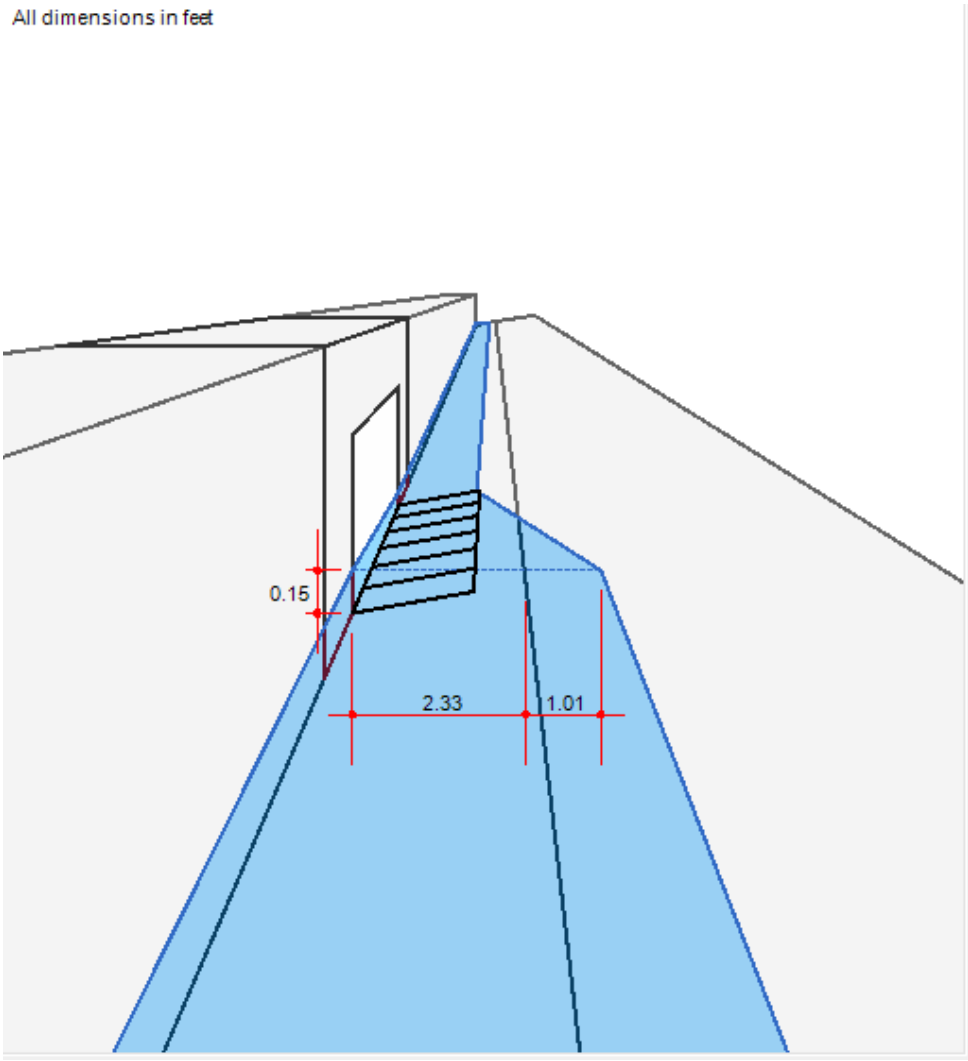
Slope, Sw (ft/ft)	=	0.045
Slope, Sx (ft/ft)	=	0.040
Local Depr (in)	=	-0-
Gutter Width (ft)	=	2.33
Gutter Slope (%)	=	1.18
Gutter n-value	=	0.011

Calculations

Compute by:		Known Q
Q (cfs)	=	0.72

Highlighted

Q Total (cfs)	=	0.72
Q Capt (cfs)	=	0.61
Q Bypass (cfs)	=	0.11
Depth at Inlet (in)	=	1.74
Efficiency (%)	=	85
Gutter Spread (ft)	=	3.34
Gutter Vel (ft/s)	=	3.04
Bypass Spread (ft)	=	1.57
Bypass Depth (in)	=	0.85



Inlet Report

Inlet 1i, 1k - 10yr

Combination Inlet

Location	= Sag
Curb Length (ft)	= 6.00
Throat Height (in)	= 7.25
Grate Area (sqft)	= 9.78
Grate Width (ft)	= 1.63
Grate Length (ft)	= 6.00

Gutter

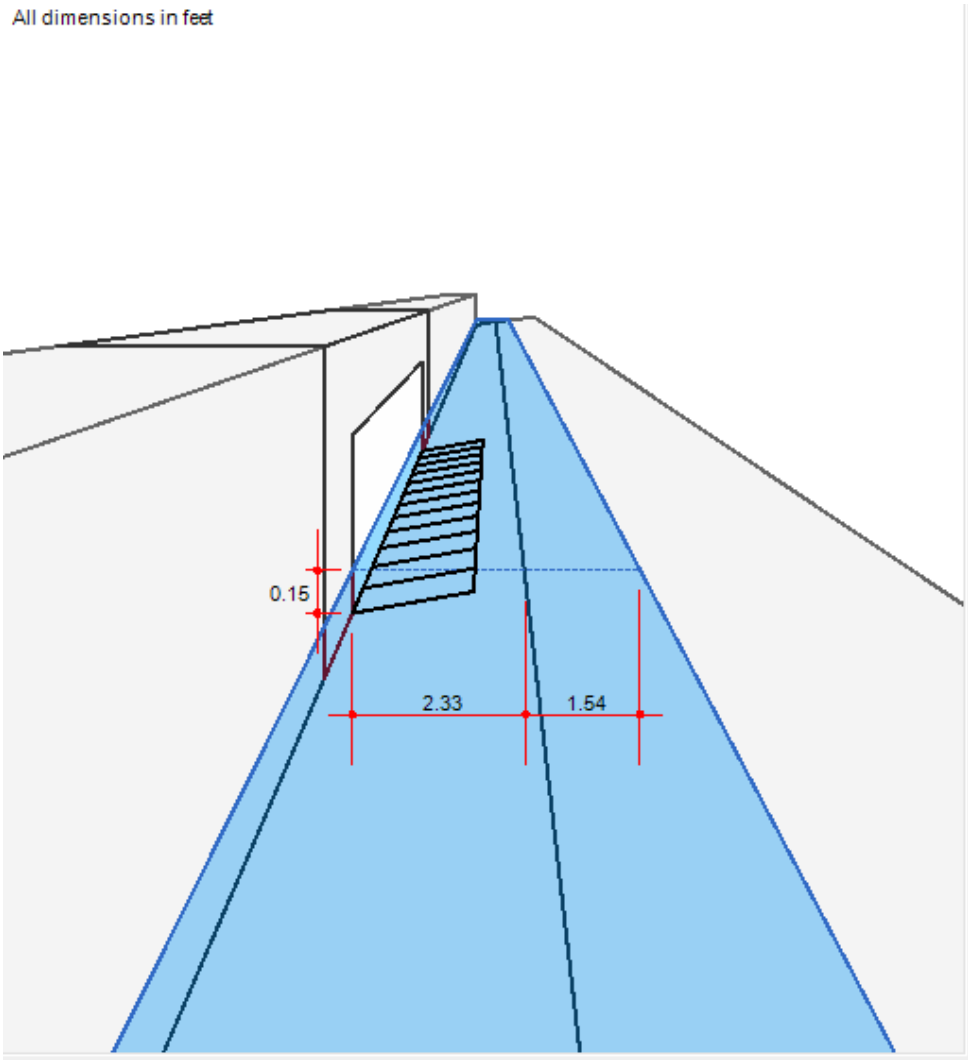
Slope, Sw (ft/ft)	= 0.045
Slope, Sx (ft/ft)	= 0.027
Local Depr (in)	= -0-
Gutter Width (ft)	= 2.33
Gutter Slope (%)	= -0-
Gutter n-value	= -0-

Calculations

Compute by:	Known Q
Q (cfs)	= 0.80

Highlighted

Q Total (cfs)	= 0.80
Q Capt (cfs)	= 0.80
Q Bypass (cfs)	= -0-
Depth at Inlet (in)	= 1.76
Efficiency (%)	= 100
Gutter Spread (ft)	= 3.87
Gutter Vel (ft/s)	= 2.28
Bypass Spread (ft)	= -0-
Bypass Depth (in)	= -0-



Inlet Report

Hydraflow Express Extension for Autodesk® AutoCAD® Civil 3D® by Autodesk, Inc. Wednesday, Mar 25 2020

Inlet 3e - 10yr

Combination Inlet

Location	=	On grade
Curb Length (ft)	=	3.00
Throat Height (in)	=	7.25
Grate Area (sqft)	=	-0-
Grate Width (ft)	=	1.63
Grate Length (ft)	=	3.00

Gutter

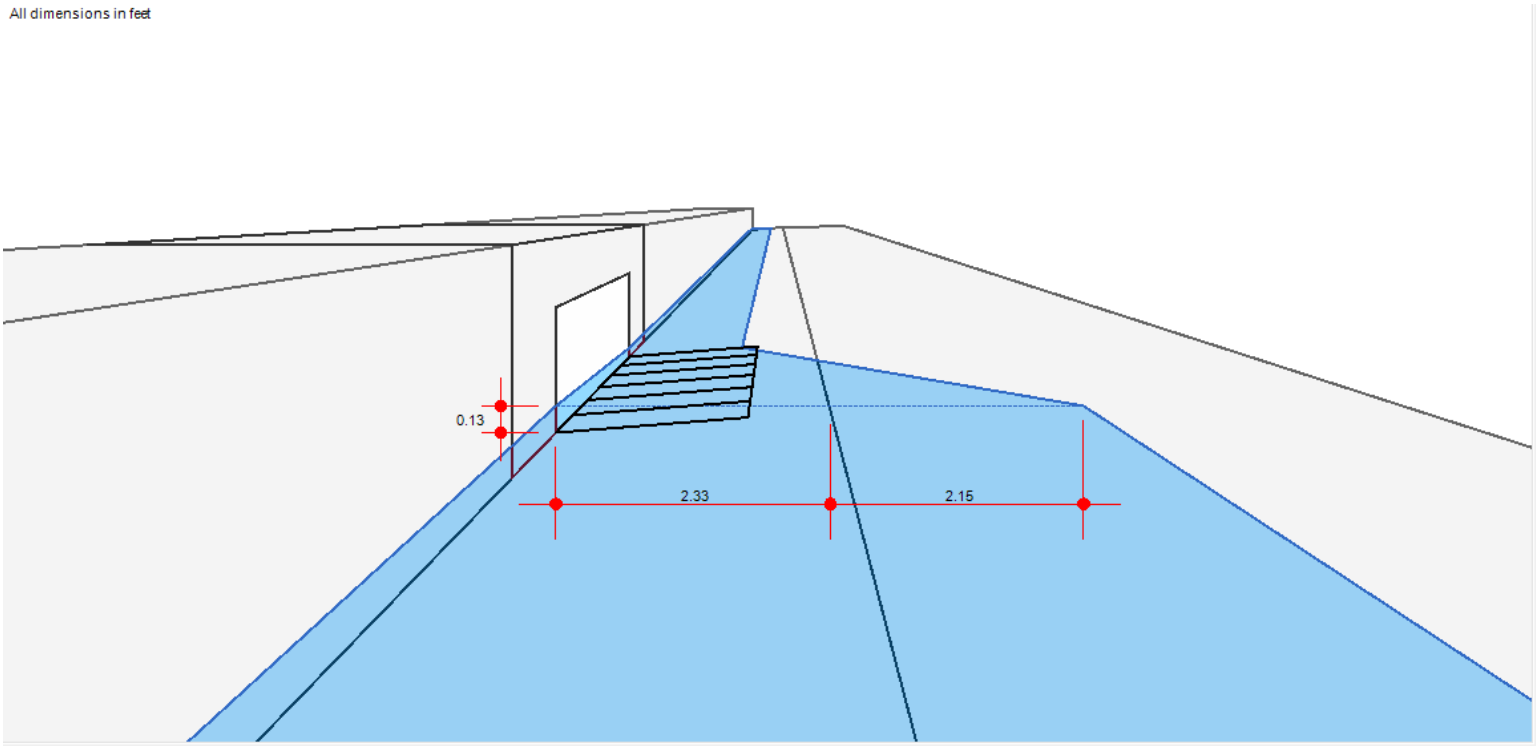
Slope, Sw (ft/ft)	=	0.045
Slope, Sx (ft/ft)	=	0.011
Local Depr (in)	=	-0-
Gutter Width (ft)	=	2.33
Gutter Slope (%)	=	0.73
Gutter n-value	=	0.011

Calculations

Compute by:		Known Q
Q (cfs)	=	0.42

Highlighted

Q Total (cfs)	=	0.42
Q Capt (cfs)	=	0.36
Q Bypass (cfs)	=	0.06
Depth at Inlet (in)	=	1.54
Efficiency (%)	=	85
Gutter Spread (ft)	=	4.48
Gutter Vel (ft/s)	=	2.07
Bypass Spread (ft)	=	1.43
Bypass Depth (in)	=	0.77



Inlet Report

Inlet 3i - 10yr

Combination Inlet

Location	=	On grade
Curb Length (ft)	=	3.00
Throat Height (in)	=	7.25
Grate Area (sqft)	=	-0-
Grate Width (ft)	=	1.63
Grate Length (ft)	=	3.00

Gutter

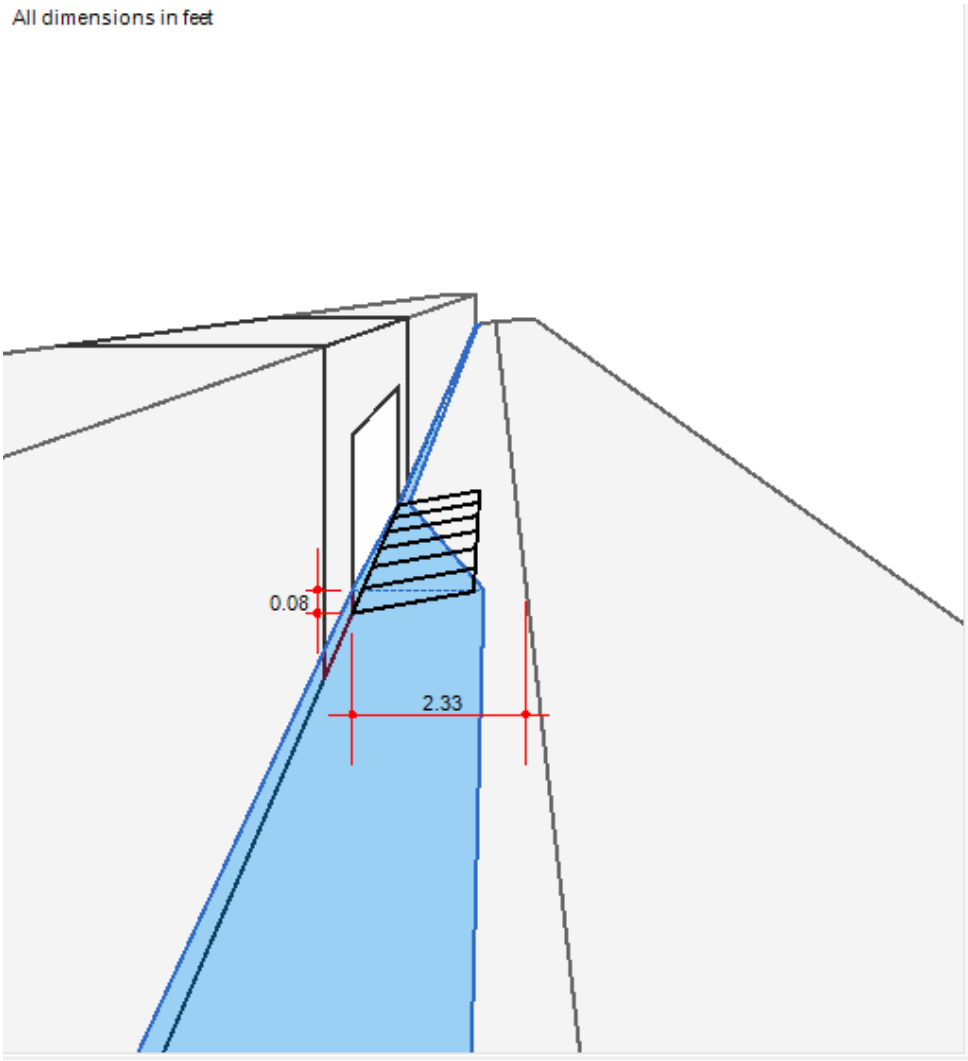
Slope, Sw (ft/ft)	=	0.045
Slope, Sx (ft/ft)	=	0.016
Local Depr (in)	=	-0-
Gutter Width (ft)	=	2.33
Gutter Slope (%)	=	1.47
Gutter n-value	=	0.011

Calculations

Compute by:		Known Q
Q (cfs)	=	0.16

Highlighted

Q Total (cfs)	=	0.16
Q Capt (cfs)	=	0.16
Q Bypass (cfs)	=	-0-
Depth at Inlet (in)	=	0.95
Efficiency (%)	=	100
Gutter Spread (ft)	=	1.77
Gutter Vel (ft/s)	=	2.28
Bypass Spread (ft)	=	0.21
Bypass Depth (in)	=	0.11



Inlet Report

Inlet 5a - 10yr

Combination Inlet

Location	=	On grade
Curb Length (ft)	=	3.00
Throat Height (in)	=	7.25
Grate Area (sqft)	=	-0-
Grate Width (ft)	=	1.63
Grate Length (ft)	=	3.00

Gutter

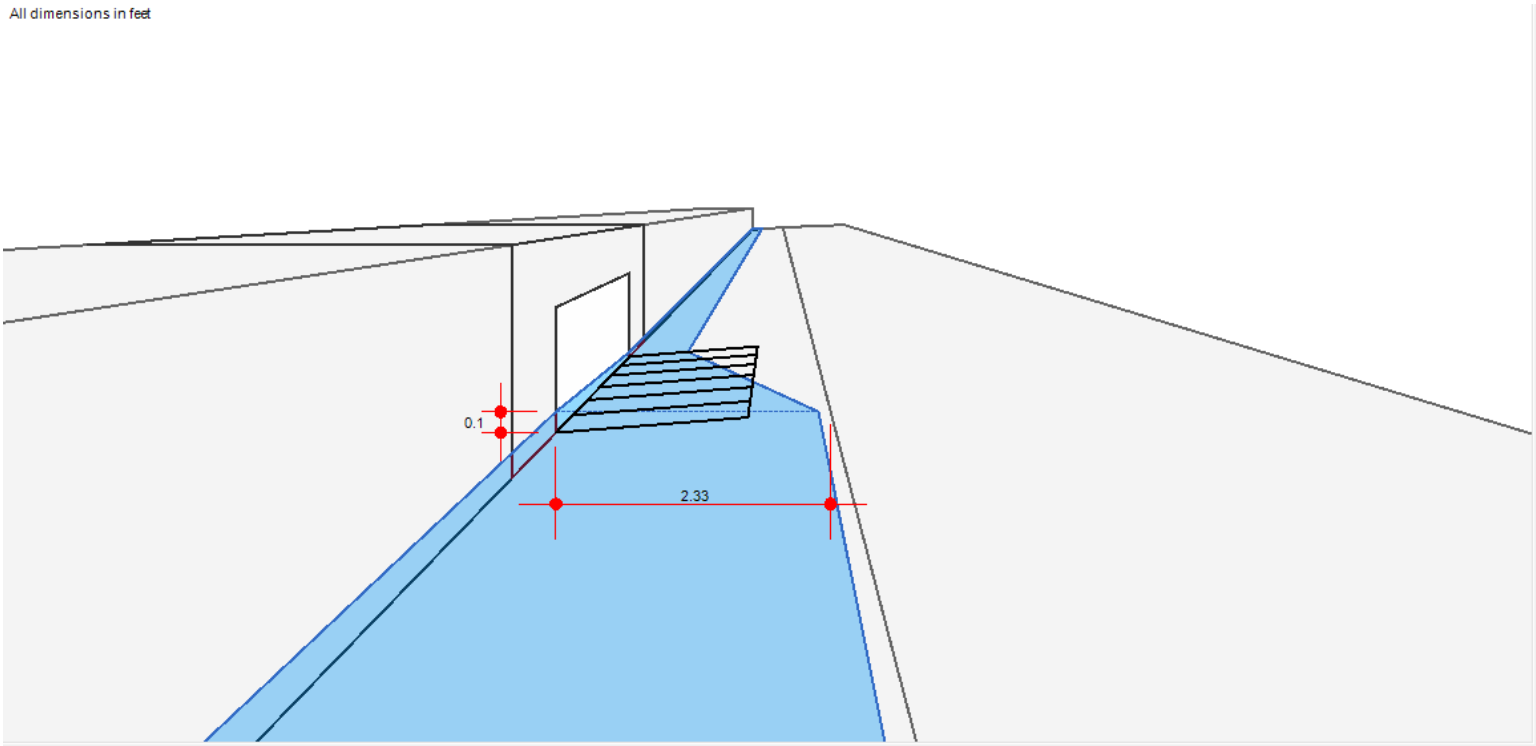
Slope, Sw (ft/ft)	=	0.045
Slope, Sx (ft/ft)	=	0.023
Local Depr (in)	=	-0-
Gutter Width (ft)	=	2.33
Gutter Slope (%)	=	1.60
Gutter n-value	=	0.011

Calculations

Compute by:		Known Q
Q (cfs)	=	0.31

Highlighted

Q Total (cfs)	=	0.31
Q Capt (cfs)	=	0.29
Q Bypass (cfs)	=	0.02
Depth at Inlet (in)	=	1.20
Efficiency (%)	=	95
Gutter Spread (ft)	=	2.23
Gutter Vel (ft/s)	=	2.77
Bypass Spread (ft)	=	0.74
Bypass Depth (in)	=	0.40



Inlet Report

Inlet 5c - 10yr

Combination Inlet

Location	=	On grade
Curb Length (ft)	=	3.00
Throat Height (in)	=	7.25
Grate Area (sqft)	=	-0-
Grate Width (ft)	=	1.63
Grate Length (ft)	=	3.00

Gutter

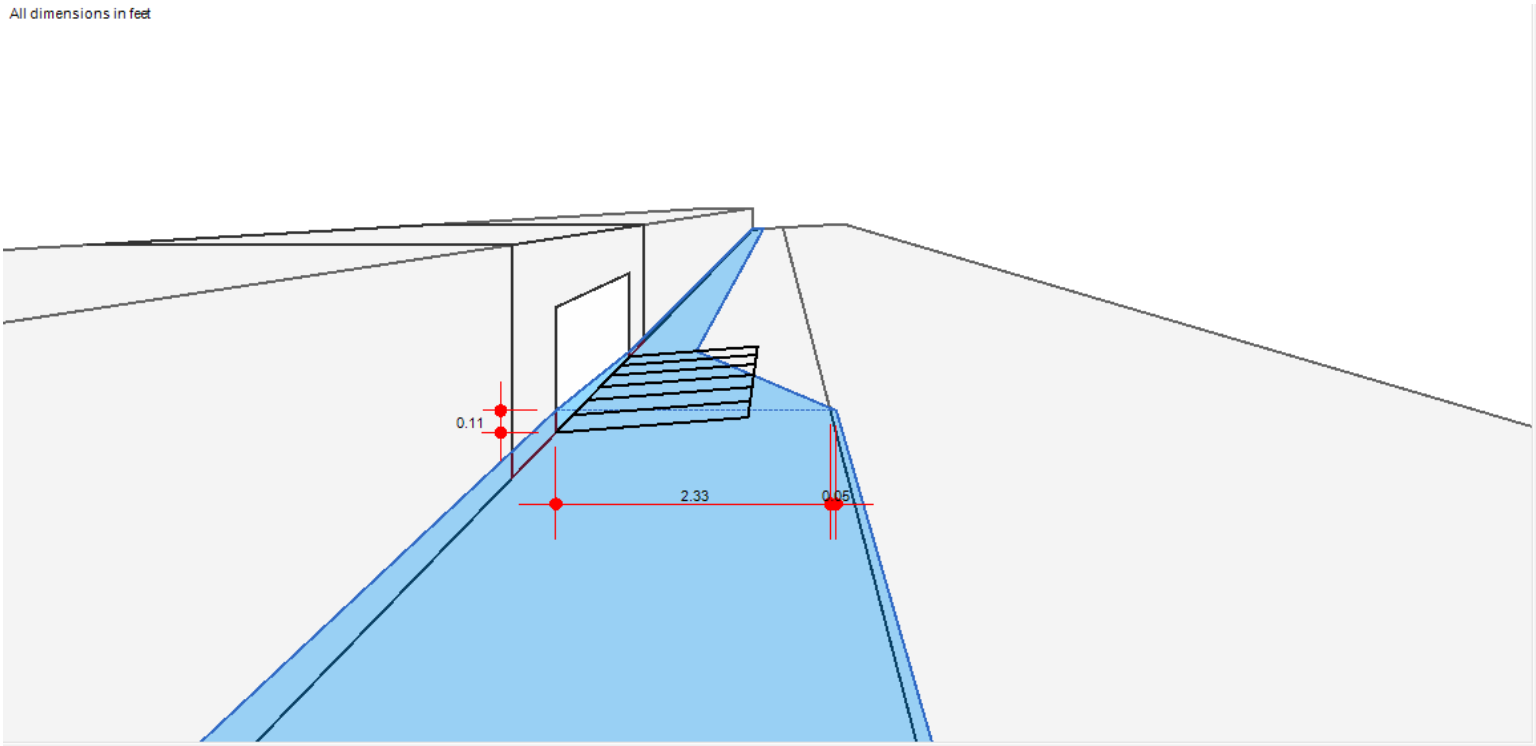
Slope, Sw (ft/ft)	=	0.045
Slope, Sx (ft/ft)	=	0.029
Local Depr (in)	=	-0-
Gutter Width (ft)	=	2.33
Gutter Slope (%)	=	1.33
Gutter n-value	=	0.011

Calculations

Compute by:		Known Q
Q (cfs)	=	0.33

Highlighted

Q Total (cfs)	=	0.33
Q Capt (cfs)	=	0.31
Q Bypass (cfs)	=	0.02
Depth at Inlet (in)	=	1.28
Efficiency (%)	=	93
Gutter Spread (ft)	=	2.38
Gutter Vel (ft/s)	=	2.63
Bypass Spread (ft)	=	0.85
Bypass Depth (in)	=	0.46



Inlet Report

Inlet 5e - 10yr

Combination Inlet

Location	=	On grade
Curb Length (ft)	=	3.00
Throat Height (in)	=	7.25
Grate Area (sqft)	=	-0-
Grate Width (ft)	=	1.63
Grate Length (ft)	=	3.00

Gutter

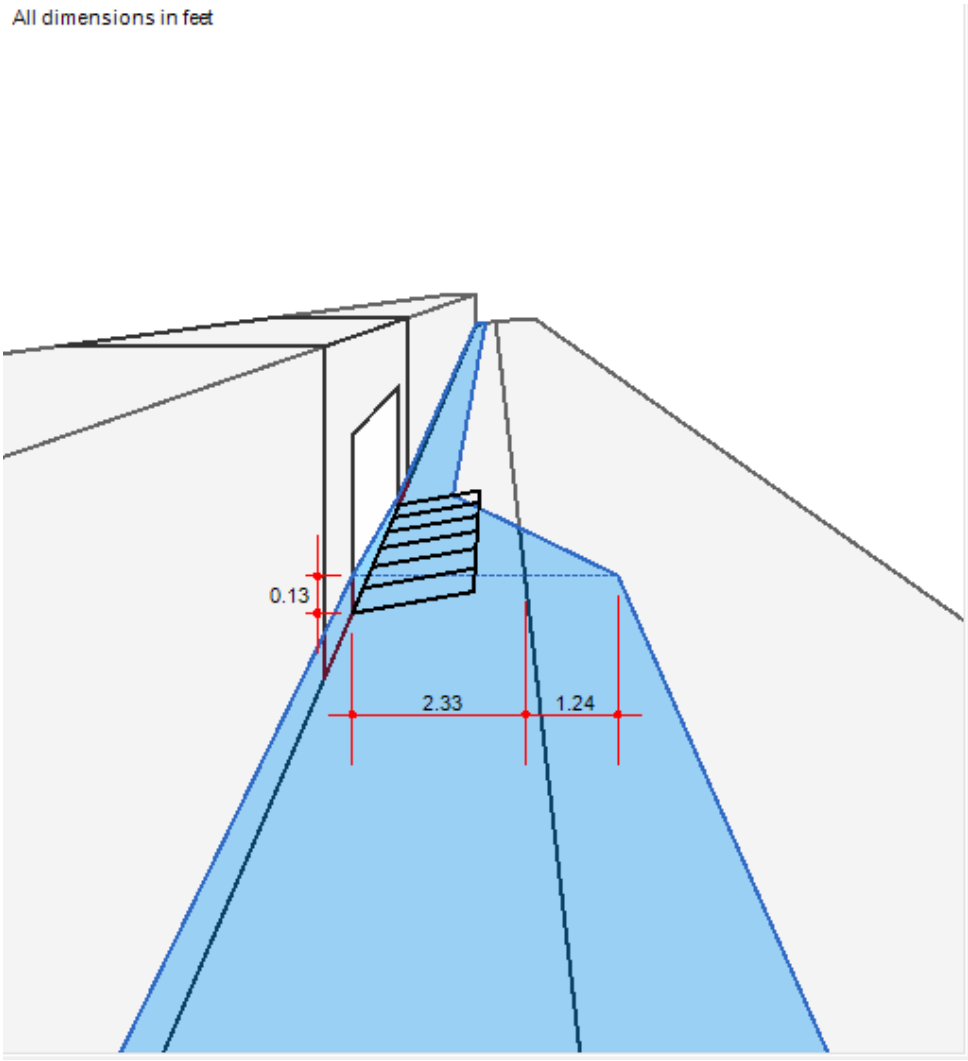
Slope, Sw (ft/ft)	=	0.045
Slope, Sx (ft/ft)	=	0.018
Local Depr (in)	=	-0-
Gutter Width (ft)	=	2.33
Gutter Slope (%)	=	0.20
Gutter n-value	=	0.011

Calculations

Compute by:		Known Q
Q (cfs)	=	0.21

Highlighted

Q Total (cfs)	=	0.21
Q Capt (cfs)	=	0.19
Q Bypass (cfs)	=	0.02
Depth at Inlet (in)	=	1.53
Efficiency (%)	=	92
Gutter Spread (ft)	=	3.57
Gutter Vel (ft/s)	=	1.12
Bypass Spread (ft)	=	1.09
Bypass Depth (in)	=	0.59



Inlet Efficiency and Spread - 100yr

Washington/All America City Boulevard Roundabout

Inlet ID	Inlet Location	Sx	n	Sw	SL	Bypass Received	Contributing Watershed	Peak Discharge, 100yr	Total Flow	Captured	Bypass	Efficiency	Depth	Total Spread	Spread Allowance
		ft/ft		ft/ft	ft/ft	cfs		cfs	cfs	cfs	cfs	%	in	ft	ft
1e	On Grade	0.03990	0.011	0.0446	0.01180	-	WS-1b	1.16	**1.16**	0.92	0.24	79%	2.08	**4.04**	5.33
3e	On Grade	0.01130	0.011	0.0446	0.00730	0.24	WS-3a	0.50	**0.74**	0.54	0.20	74%	1.84	**6.72**	5.33
Exist DI	In Sag	0.02560	0.011	0.0446	0.00470	0.20	WS-3b	2.73	**2.93**	2.93	0.00	100%	4.11	**11.46**	17.00
1a	On Grade	0.01500	0.011	0.0446	0.01030	-	WS-1a	0.66	**0.66**	0.53	0.13	80%	1.70	**4.79**	5.33
5a	On Grade	0.02290	0.011	0.04464	0.01600	0.13	WS-5a	0.41	**0.54**	0.47	0.07	88%	1.48	**3.13**	5.33
5c	On Grade	0.02890	0.011	0.04464	0.01330	0.07	WS-5b	0.50	**0.57**	0.50	0.07	87%	1.56	**3.20**	5.33
3i	On Grade	0.01620	0.011	0.0446	0.01470	-	WS-3C	0.25	**0.25**	0.24	0.01	96%	1.13	**2.09**	5.33
1i, 1k	Sag	0.02670	0.011	0.0446	0.00220	-	WS-1c	1.28	**1.28**	1.25	0.00	100%	2.17	**5.15**	5.33
5e	On Grade	0.01750	0.011	0.04464	0.00200	-	WS-5c	0.33	**0.33**	0.29	0.04	88%	1.78	**4.75**	5.33

Inlet Report

Exist DI - 100yr

Combination Inlet

Location	= Sag
Curb Length (ft)	= 3.00
Throat Height (in)	= 7.25
Grate Area (sqft)	= 4.89
Grate Width (ft)	= 1.63
Grate Length (ft)	= 3.00

Gutter

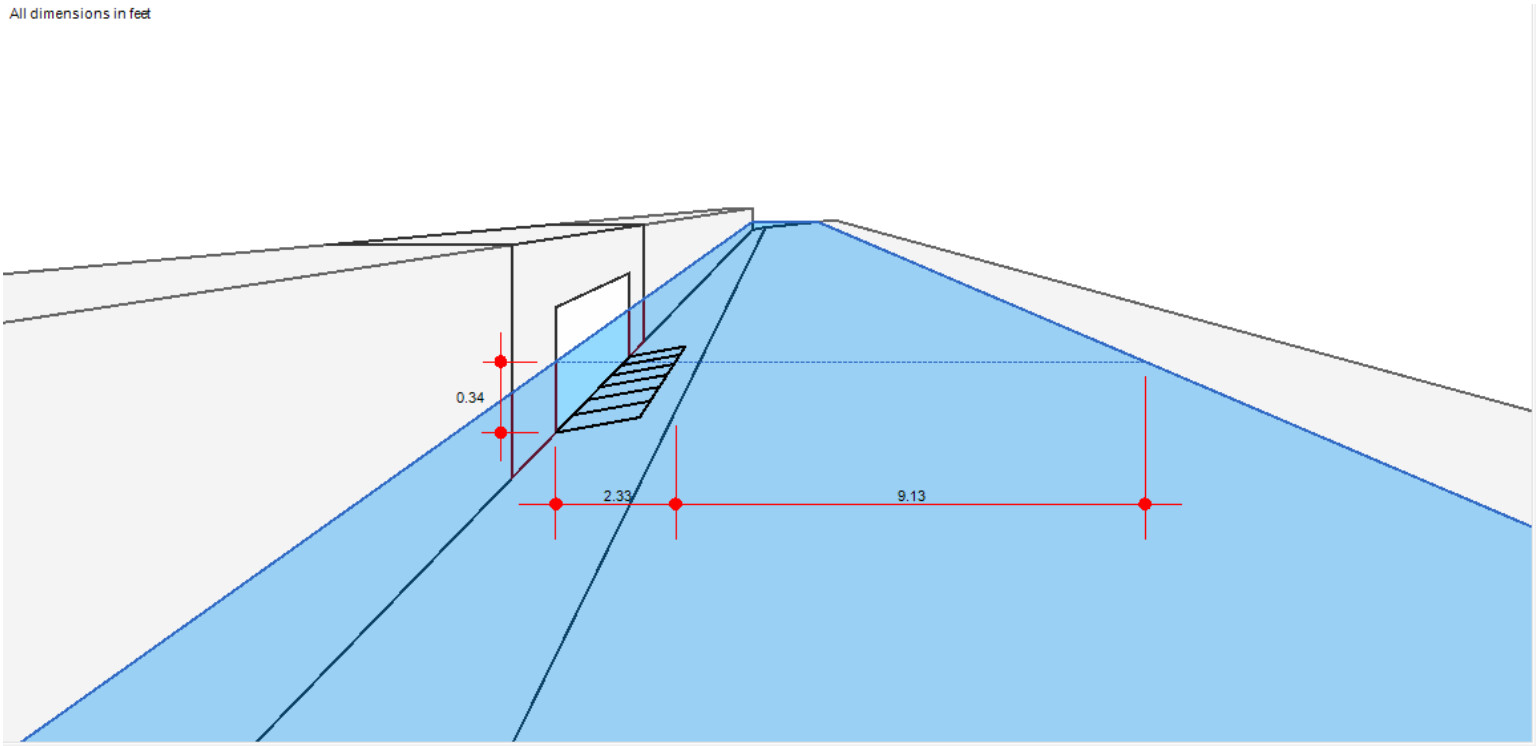
Slope, Sw (ft/ft)	= 0.045
Slope, Sx (ft/ft)	= 0.026
Local Depr (in)	= -0-
Gutter Width (ft)	= 2.33
Gutter Slope (%)	= -0-
Gutter n-value	= -0-

Calculations

Compute by:	Known Q
Q (cfs)	= 2.93

Highlighted

Q Total (cfs)	= 2.93
Q Capt (cfs)	= 2.93
Q Bypass (cfs)	= -0-
Depth at Inlet (in)	= 4.11
Efficiency (%)	= 100
Gutter Spread (ft)	= 11.46
Gutter Vel (ft/s)	= 2.17
Bypass Spread (ft)	= -0-
Bypass Depth (in)	= -0-



Inlet Report

Inlet 1a - 100yr

Combination Inlet

Location	= On grade
Curb Length (ft)	= 3.00
Throat Height (in)	= 7.25
Grate Area (sqft)	= -0-
Grate Width (ft)	= 1.63
Grate Length (ft)	= 3.00

Gutter

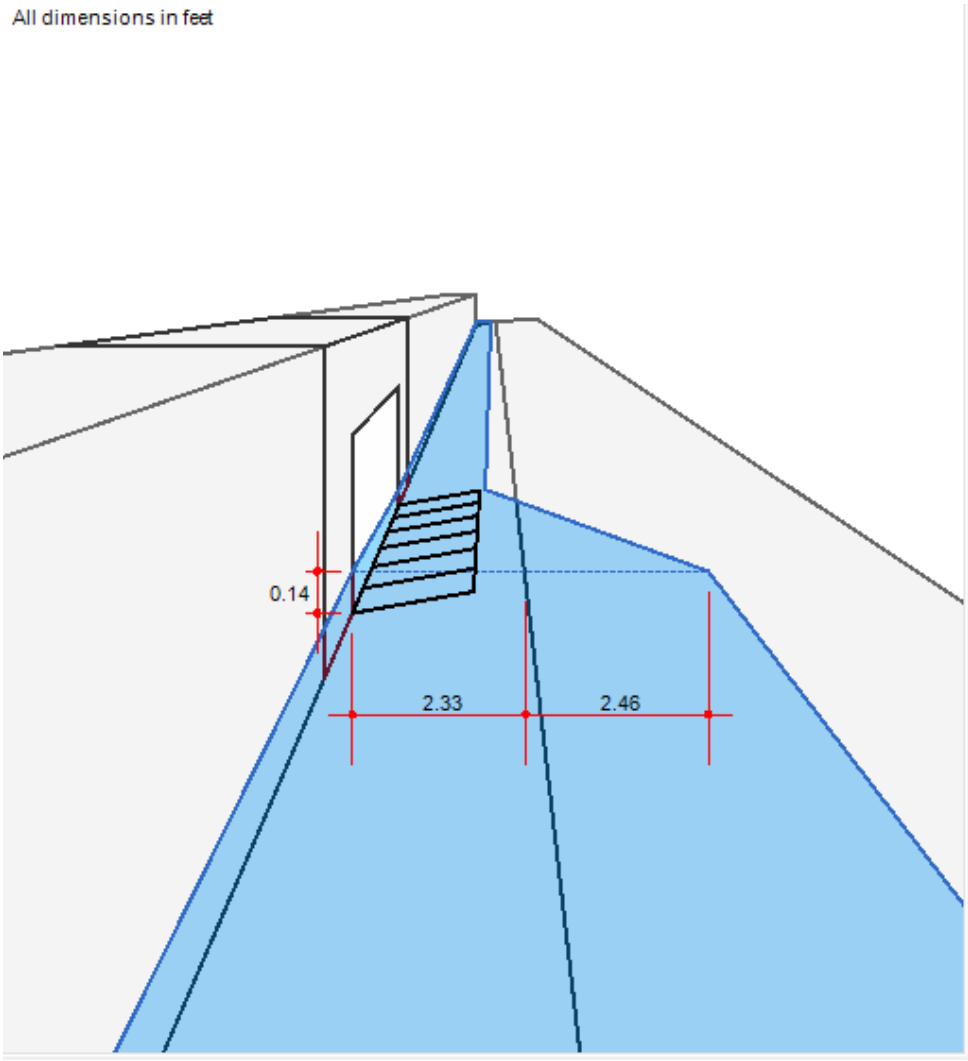
Slope, Sw (ft/ft)	= 0.045
Slope, Sx (ft/ft)	= 0.015
Local Depr (in)	= -0-
Gutter Width (ft)	= 2.33
Gutter Slope (%)	= 1.03
Gutter n-value	= 0.011

Calculations

Compute by:	Known Q
Q (cfs)	= 0.66

Highlighted

Q Total (cfs)	= 0.66
Q Capt (cfs)	= 0.53
Q Bypass (cfs)	= 0.13
Depth at Inlet (in)	= 1.70
Efficiency (%)	= 80
Gutter Spread (ft)	= 4.79
Gutter Vel (ft/s)	= 2.61
Bypass Spread (ft)	= 1.74
Bypass Depth (in)	= 0.94



Inlet Report

Inlet 1e - 100yr

Combination Inlet

Location	=	On grade
Curb Length (ft)	=	3.00
Throat Height (in)	=	7.25
Grate Area (sqft)	=	-0-
Grate Width (ft)	=	1.63
Grate Length (ft)	=	3.00

Gutter

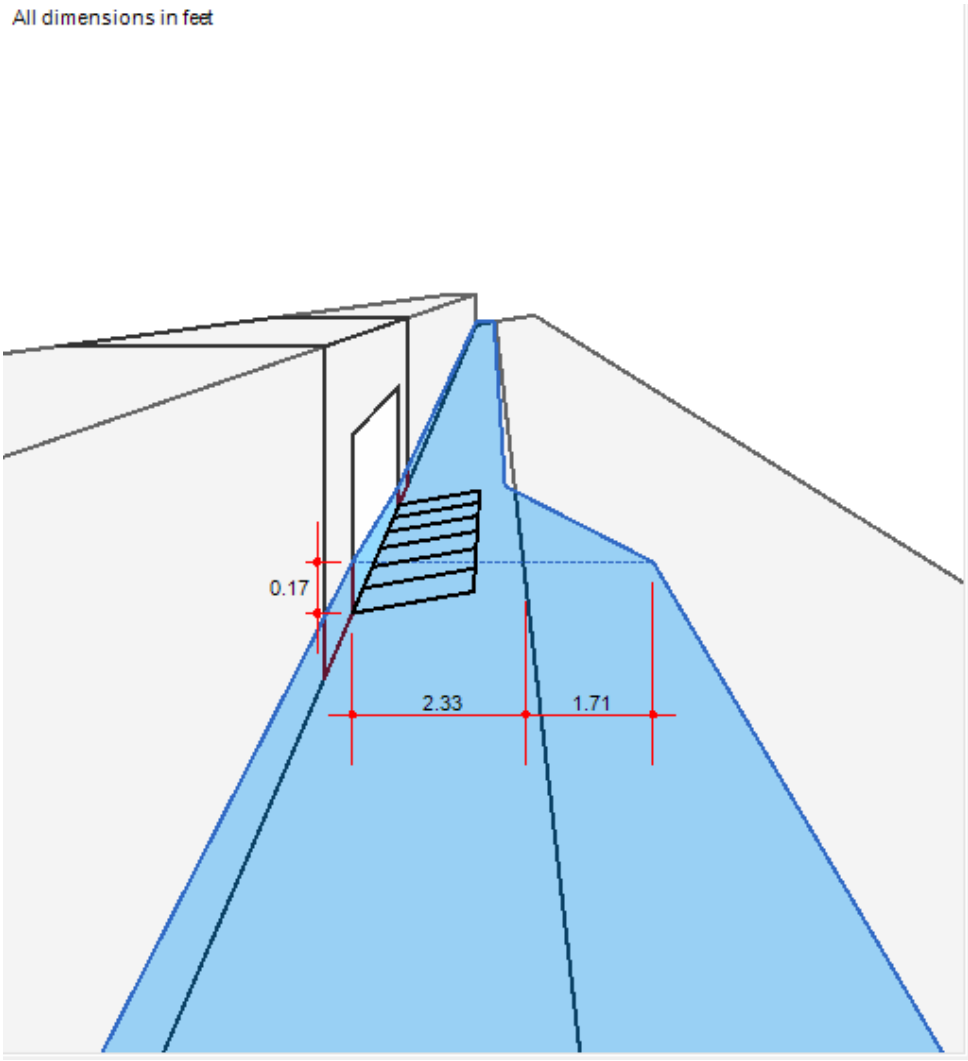
Slope, Sw (ft/ft)	=	0.045
Slope, Sx (ft/ft)	=	0.040
Local Depr (in)	=	-0-
Gutter Width (ft)	=	2.33
Gutter Slope (%)	=	1.18
Gutter n-value	=	0.011

Calculations

Compute by:		Known Q
Q (cfs)	=	1.16

Highlighted

Q Total (cfs)	=	1.16
Q Capt (cfs)	=	0.92
Q Bypass (cfs)	=	0.24
Depth at Inlet (in)	=	2.08
Efficiency (%)	=	79
Gutter Spread (ft)	=	4.04
Gutter Vel (ft/s)	=	3.41
Bypass Spread (ft)	=	2.14
Bypass Depth (in)	=	1.16



Inlet Report

Inlet 1i, 1k - 100yr

Combination Inlet

Location	= Sag
Curb Length (ft)	= 6.00
Throat Height (in)	= 7.25
Grate Area (sqft)	= 4.89
Grate Width (ft)	= 1.63
Grate Length (ft)	= 6.00

Gutter

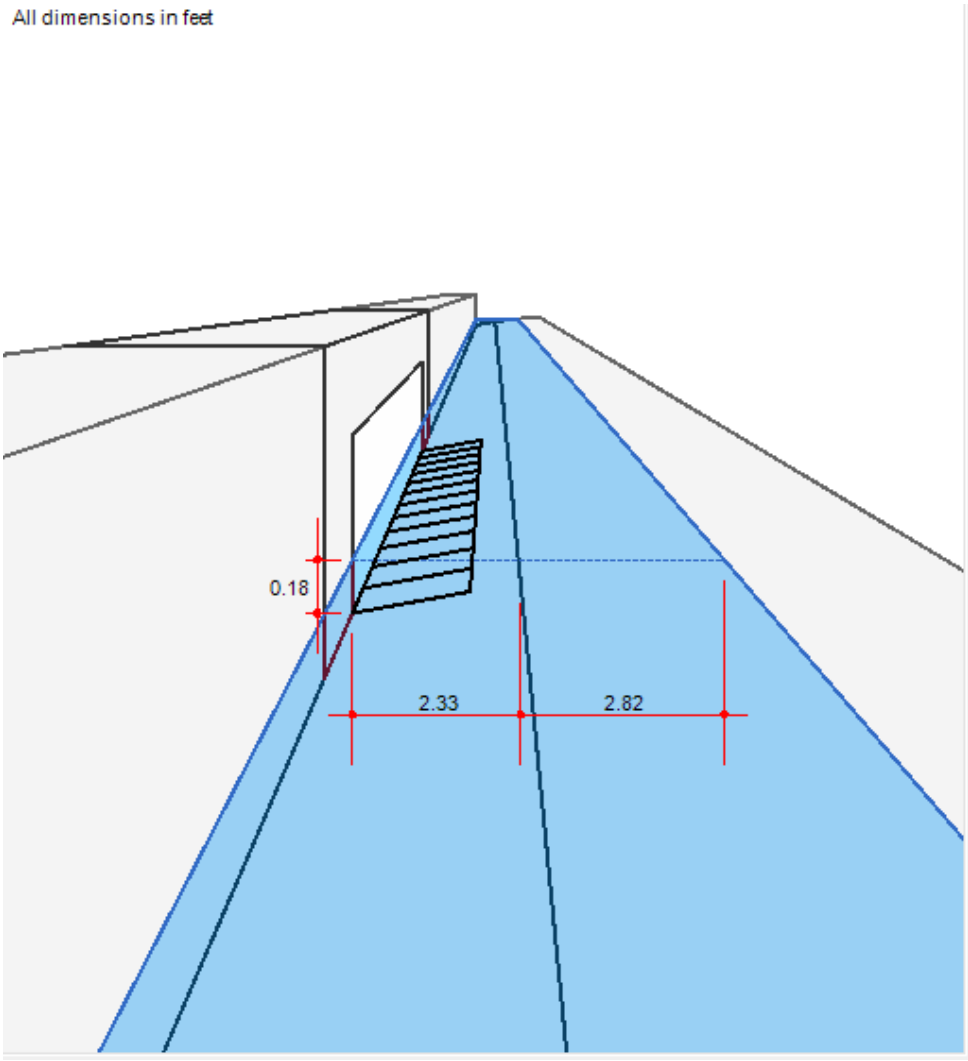
Slope, Sw (ft/ft)	= 0.045
Slope, Sx (ft/ft)	= 0.027
Local Depr (in)	= -0-
Gutter Width (ft)	= 2.33
Gutter Slope (%)	= -0-
Gutter n-value	= -0-

Calculations

Compute by:	Known Q
Q (cfs)	= 1.28

Highlighted

Q Total (cfs)	= 1.28
Q Capt (cfs)	= 1.28
Q Bypass (cfs)	= -0-
Depth at Inlet (in)	= 2.17
Efficiency (%)	= 100
Gutter Spread (ft)	= 5.15
Gutter Vel (ft/s)	= 3.41
Bypass Spread (ft)	= -0-
Bypass Depth (in)	= -0-



Inlet Report

Inlet 3e - 100yr

Combination Inlet

Location	=	On grade
Curb Length (ft)	=	3.00
Throat Height (in)	=	7.25
Grate Area (sqft)	=	-0-
Grate Width (ft)	=	1.63
Grate Length (ft)	=	3.00

Gutter

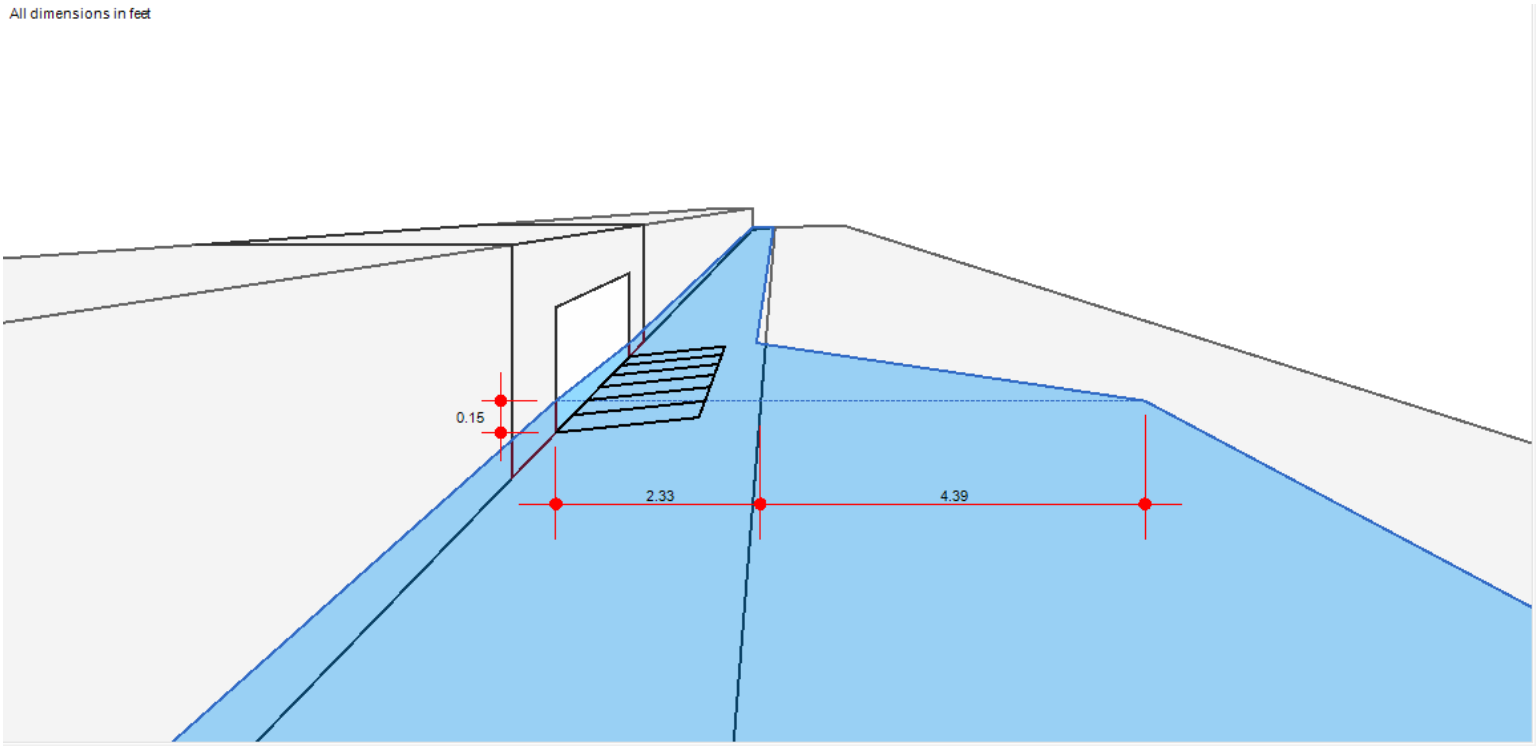
Slope, Sw (ft/ft)	=	0.045
Slope, Sx (ft/ft)	=	0.011
Local Depr (in)	=	-0-
Gutter Width (ft)	=	2.33
Gutter Slope (%)	=	0.73
Gutter n-value	=	0.011

Calculations

Compute by:		Known Q
Q (cfs)	=	0.74

Highlighted

Q Total (cfs)	=	0.74
Q Capt (cfs)	=	0.54
Q Bypass (cfs)	=	0.20
Depth at Inlet (in)	=	1.84
Efficiency (%)	=	74
Gutter Spread (ft)	=	6.72
Gutter Vel (ft/s)	=	2.17
Bypass Spread (ft)	=	2.17
Bypass Depth (in)	=	1.17



Inlet Report

Inlet 3i - 100yr

Combination Inlet

Location	=	On grade
Curb Length (ft)	=	3.00
Throat Height (in)	=	7.25
Grate Area (sqft)	=	-0-
Grate Width (ft)	=	1.63
Grate Length (ft)	=	3.00

Gutter

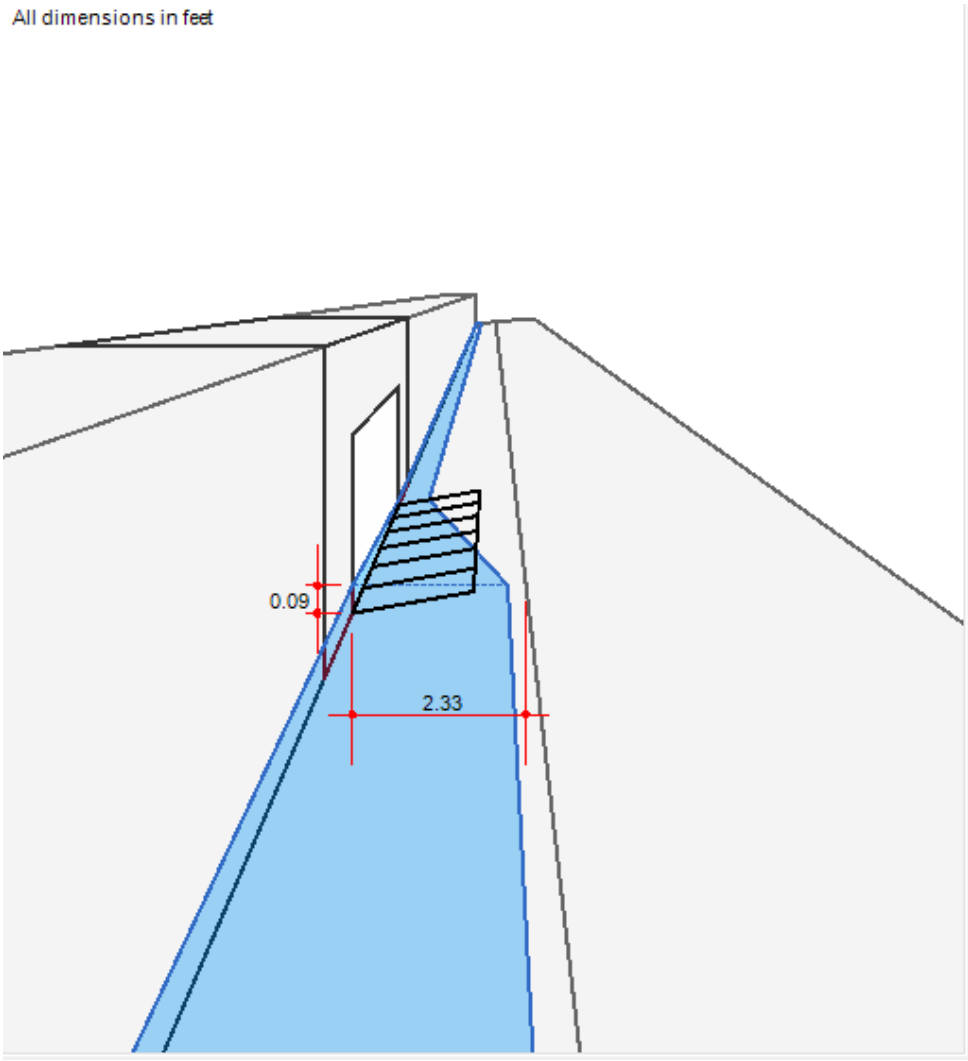
Slope, Sw (ft/ft)	=	0.045
Slope, Sx (ft/ft)	=	0.016
Local Depr (in)	=	-0-
Gutter Width (ft)	=	2.33
Gutter Slope (%)	=	1.47
Gutter n-value	=	0.011

Calculations

Compute by:		Known Q
Q (cfs)	=	0.25

Highlighted

Q Total (cfs)	=	0.25
Q Capt (cfs)	=	0.24
Q Bypass (cfs)	=	0.01
Depth at Inlet (in)	=	1.13
Efficiency (%)	=	96
Gutter Spread (ft)	=	2.09
Gutter Vel (ft/s)	=	2.55
Bypass Spread (ft)	=	0.61
Bypass Depth (in)	=	0.33



Inlet Report

Inlet 5a - 100yr

Combination Inlet

Location	=	On grade
Curb Length (ft)	=	3.00
Throat Height (in)	=	7.25
Grate Area (sqft)	=	-0-
Grate Width (ft)	=	1.63
Grate Length (ft)	=	3.00

Gutter

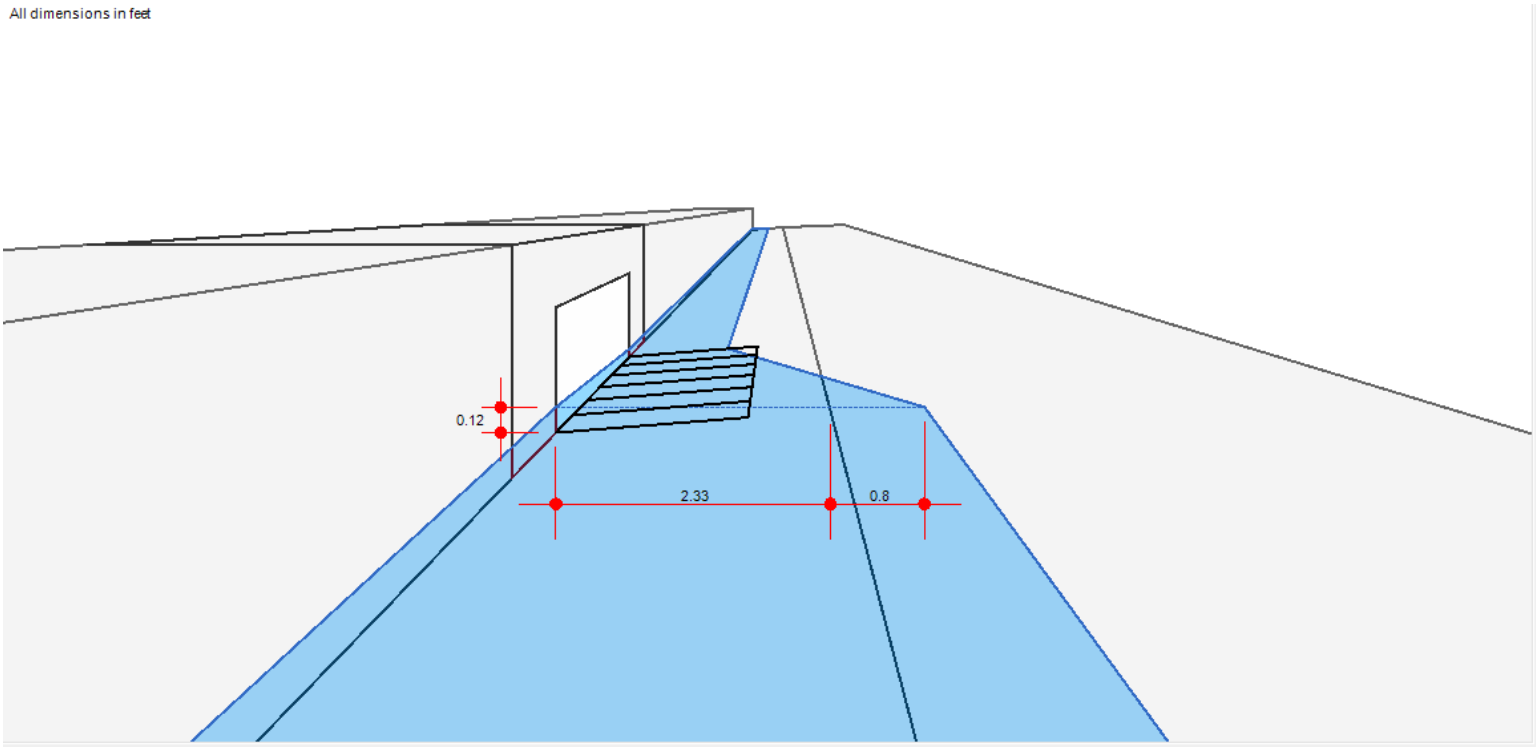
Slope, Sw (ft/ft)	=	0.045
Slope, Sx (ft/ft)	=	0.023
Local Depr (in)	=	-0-
Gutter Width (ft)	=	2.33
Gutter Slope (%)	=	1.60
Gutter n-value	=	0.011

Calculations

Compute by:		Known Q
Q (cfs)	=	0.54

Highlighted

Q Total (cfs)	=	0.54
Q Capt (cfs)	=	0.47
Q Bypass (cfs)	=	0.07
Depth at Inlet (in)	=	1.48
Efficiency (%)	=	88
Gutter Spread (ft)	=	3.13
Gutter Vel (ft/s)	=	3.14
Bypass Spread (ft)	=	1.25
Bypass Depth (in)	=	0.68



Inlet Report

Inlet 5c - 100yr

Combination Inlet

Location	= On grade
Curb Length (ft)	= 3.00
Throat Height (in)	= 7.25
Grate Area (sqft)	= -0-
Grate Width (ft)	= 1.63
Grate Length (ft)	= 3.00

Gutter

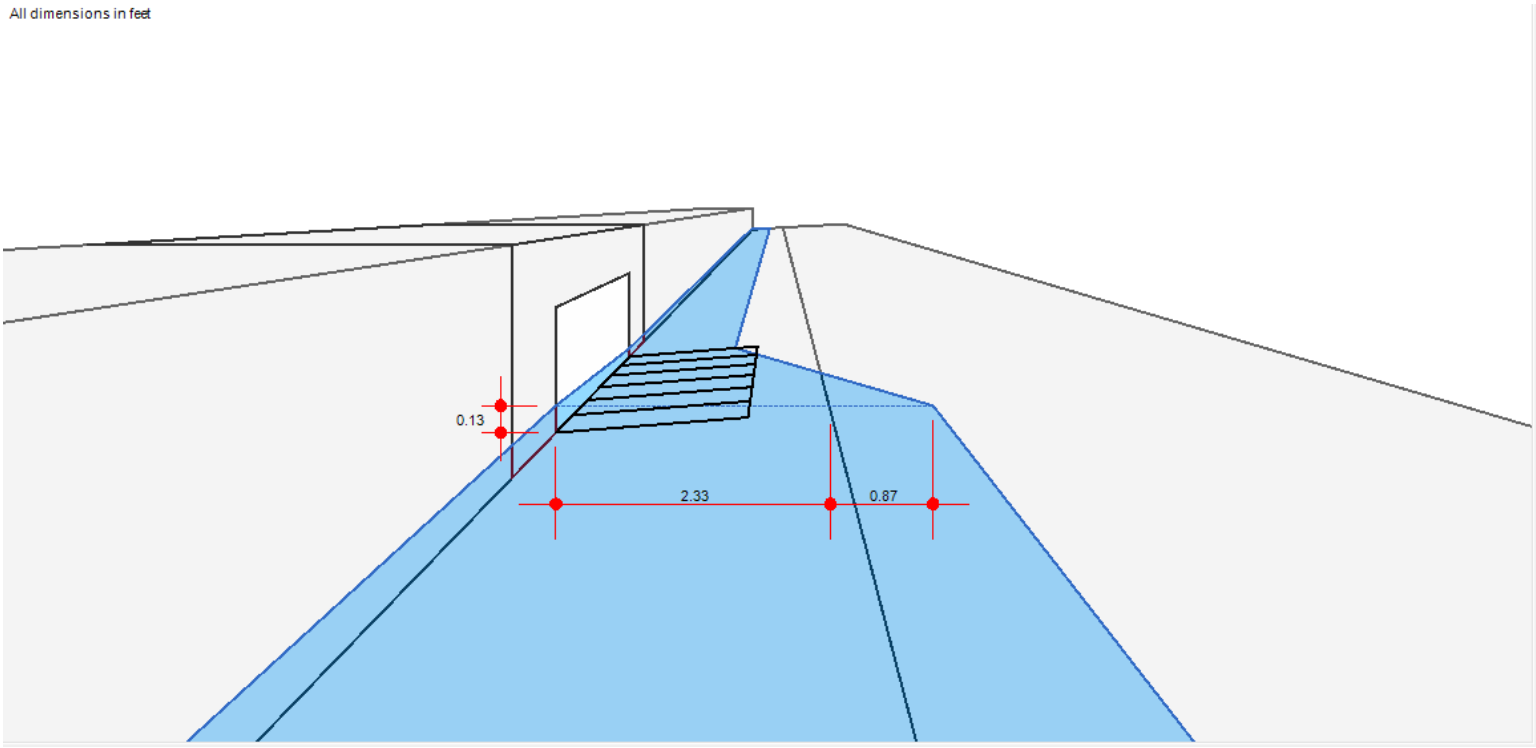
Slope, Sw (ft/ft)	= 0.045
Slope, Sx (ft/ft)	= 0.029
Local Depr (in)	= -0-
Gutter Width (ft)	= 2.33
Gutter Slope (%)	= 1.33
Gutter n-value	= 0.011

Calculations

Compute by:	Known Q
Q (cfs)	= 0.57

Highlighted

Q Total (cfs)	= 0.57
Q Capt (cfs)	= 0.50
Q Bypass (cfs)	= 0.07
Depth at Inlet (in)	= 1.56
Efficiency (%)	= 87
Gutter Spread (ft)	= 3.20
Gutter Vel (ft/s)	= 2.97
Bypass Spread (ft)	= 1.35
Bypass Depth (in)	= 0.73



Inlet Report

Inlet 5e - 100yr

Combination Inlet

Location	=	On grade
Curb Length (ft)	=	3.00
Throat Height (in)	=	7.25
Grate Area (sqft)	=	-0-
Grate Width (ft)	=	1.63
Grate Length (ft)	=	3.00

Gutter

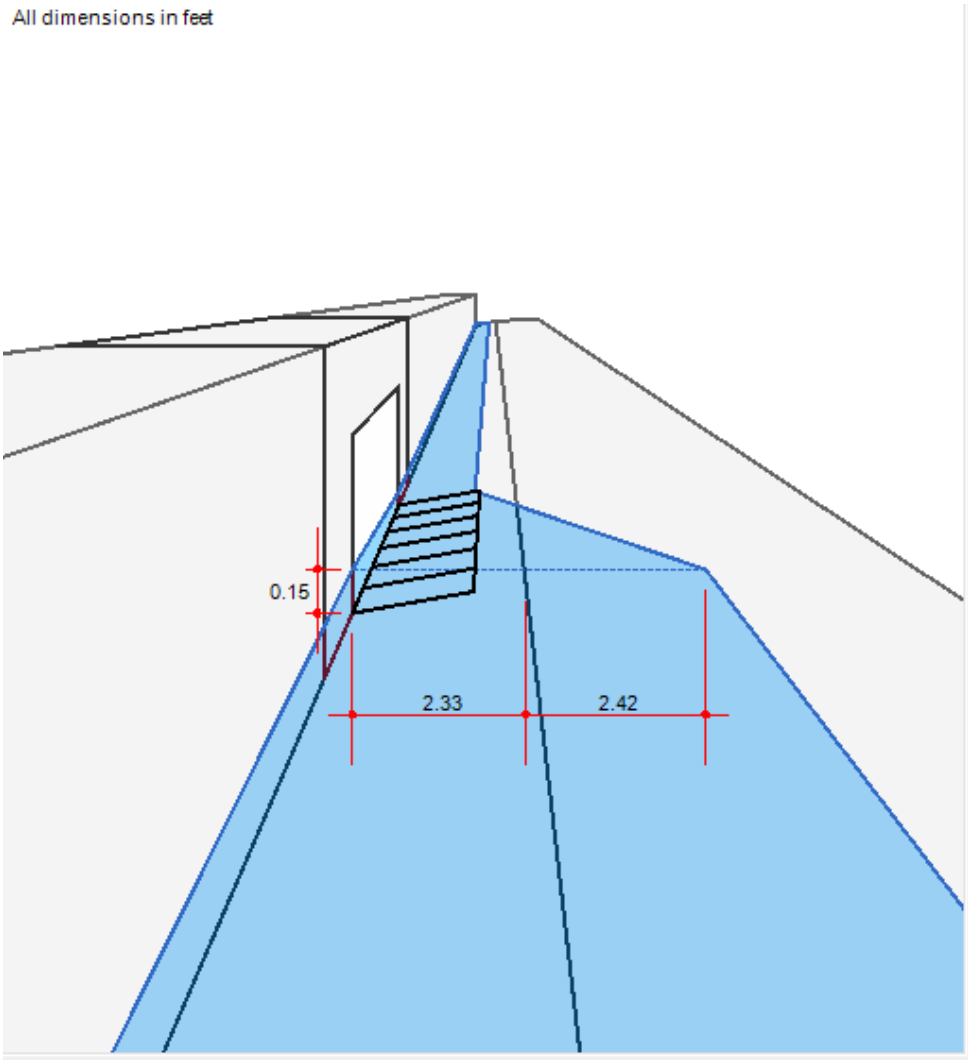
Slope, Sw (ft/ft)	=	0.045
Slope, Sx (ft/ft)	=	0.018
Local Depr (in)	=	-0-
Gutter Width (ft)	=	2.33
Gutter Slope (%)	=	0.20
Gutter n-value	=	0.011

Calculations

Compute by:		Known Q
Q (cfs)	=	0.33

Highlighted

Q Total (cfs)	=	0.33
Q Capt (cfs)	=	0.29
Q Bypass (cfs)	=	0.04
Depth at Inlet (in)	=	1.78
Efficiency (%)	=	88
Gutter Spread (ft)	=	4.75
Gutter Vel (ft/s)	=	1.19
Bypass Spread (ft)	=	1.54
Bypass Depth (in)	=	0.83



Ditch Summary - 10yr

Washington/All America City Boulevard Roundabout

Ditch ID	Watershed ID	Section	b	d	z1	z2	n	S	Peak Discharge, 10yr	V^2	Depth	Freeboard
			ft	ft	h:v	h:v		ft/ft	cfs	ft/s	ft	ft
1	WS-2	Trapezoidal	5.00	2.00	3:1	3:1	0.150	0.00360	5.70	0.92	0.83	1.17
2	WS-6	Lined Trapezoidal	6.00	3.00	1:1	1:1	0.013	0.00127	8.46	2.44	0.53	2.47

[1] Assume bankfull condition

[2] Obtained with Autodesk Hydraflow Express

Channel Report

Hydraflow Express Extension for Autodesk® AutoCAD® Civil 3D® by Autodesk, Inc. Friday, Mar 27 2020

Ditch 1 - 10yr

Trapezoidal

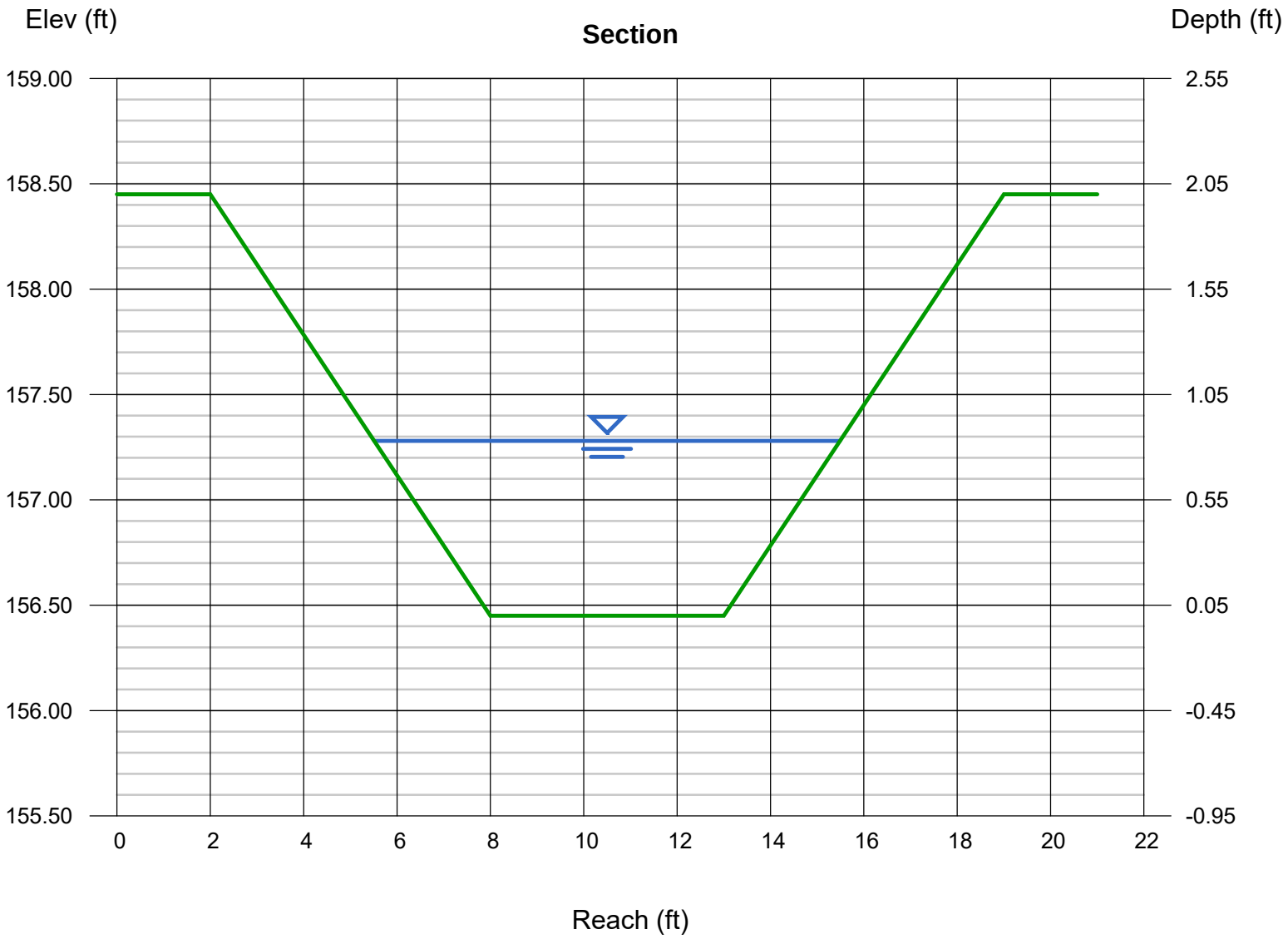
Bottom Width (ft)	= 5.00
Side Slopes (z:1)	= 3.00, 3.00
Total Depth (ft)	= 2.00
Invert Elev (ft)	= 156.45
Slope (%)	= 1.72
N-Value	= 0.150

Calculations

Compute by:	Known Q
Known Q (cfs)	= 5.70

Highlighted

Depth (ft)	= 0.83
Q (cfs)	= 5.700
Area (sqft)	= 6.22
Velocity (ft/s)	= 0.92
Wetted Perim (ft)	= 10.25
Crit Depth, Yc (ft)	= 0.33
Top Width (ft)	= 9.98
EGL (ft)	= 0.84



Channel Report

Hydraflow Express Extension for Autodesk® AutoCAD® Civil 3D® by Autodesk, Inc. Friday, Mar 27 2020

Ditch 2 - 10yr

Trapezoidal

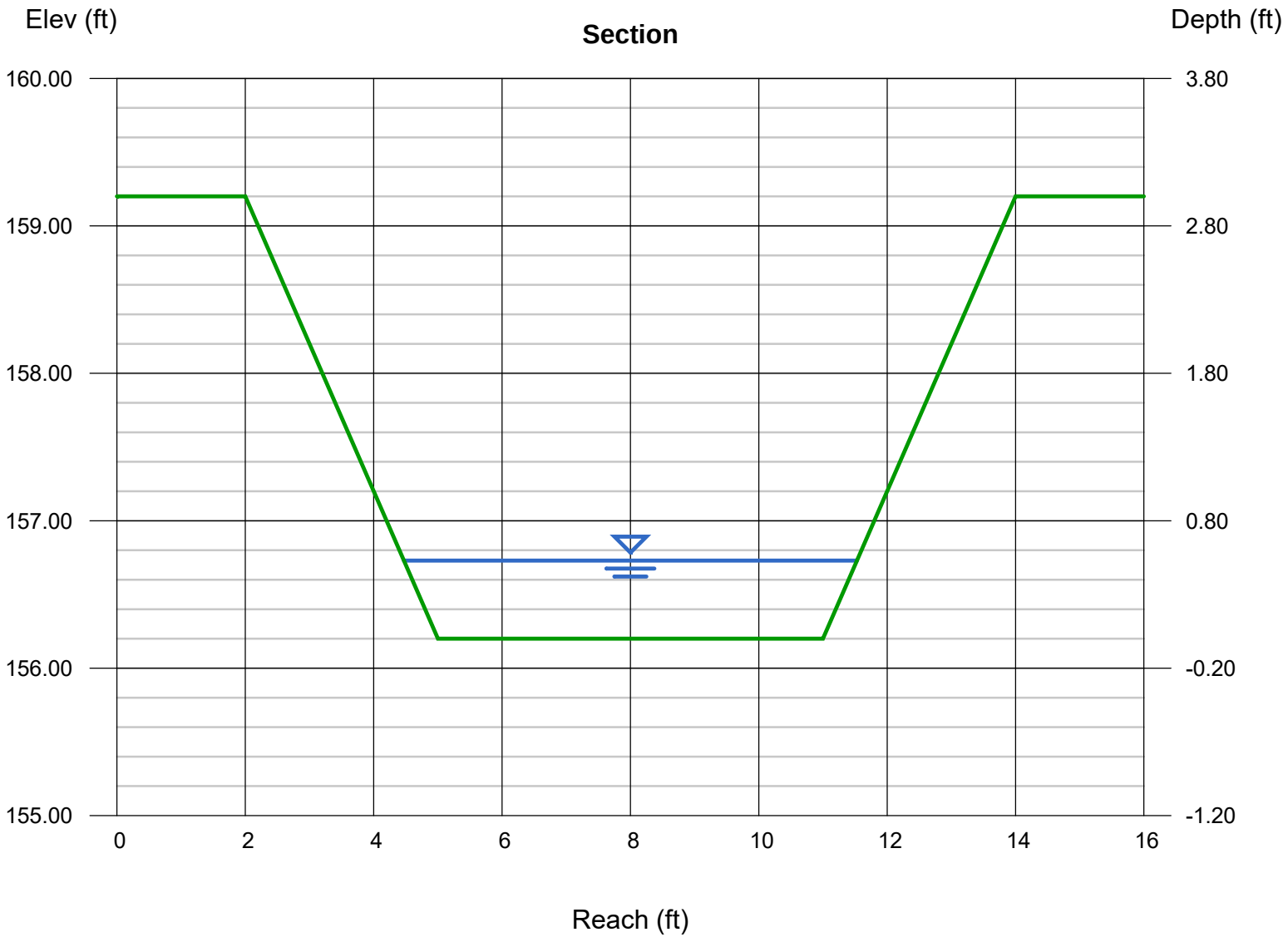
Bottom Width (ft)	= 6.00
Side Slopes (z:1)	= 1.00, 1.00
Total Depth (ft)	= 3.00
Invert Elev (ft)	= 156.20
Slope (%)	= 0.13
N-Value	= 0.013

Calculations

Compute by:	Known Q
Known Q (cfs)	= 8.46

Highlighted

Depth (ft)	= 0.53
Q (cfs)	= 8.460
Area (sqft)	= 3.46
Velocity (ft/s)	= 2.44
Wetted Perim (ft)	= 7.50
Crit Depth, Yc (ft)	= 0.39
Top Width (ft)	= 7.06
EGL (ft)	= 0.62



Ditch Summary - 100yr

Washington/All America City Boulevard Roundabout

Ditch ID	Watershed ID	Section	b	d	z1	z2	n	S	Peak Discharge, 100yr	V^2	Depth	Freeboard
			ft	ft	h:v	h:v		ft/ft	cfs	ft/s	ft	ft
1	WS-2	Trapezoidal	5.00	2.00	3:1	3:1	0.150	0.00360	9.35	0.60	1.59	0.41
2	WS-6	Lined Trapezoidal	6.00	3.00	1:1	1:1	0.013	0.00127	13.66	2.87	0.71	2.29

[1] Assume bankfull condition

[2] Obtained with Autodesk Hydraflow Express

Channel Report

Hydraflow Express Extension for Autodesk® AutoCAD® Civil 3D® by Autodesk, Inc. Friday, Mar 27 2020

Ditch 1 - 100yr

Trapezoidal

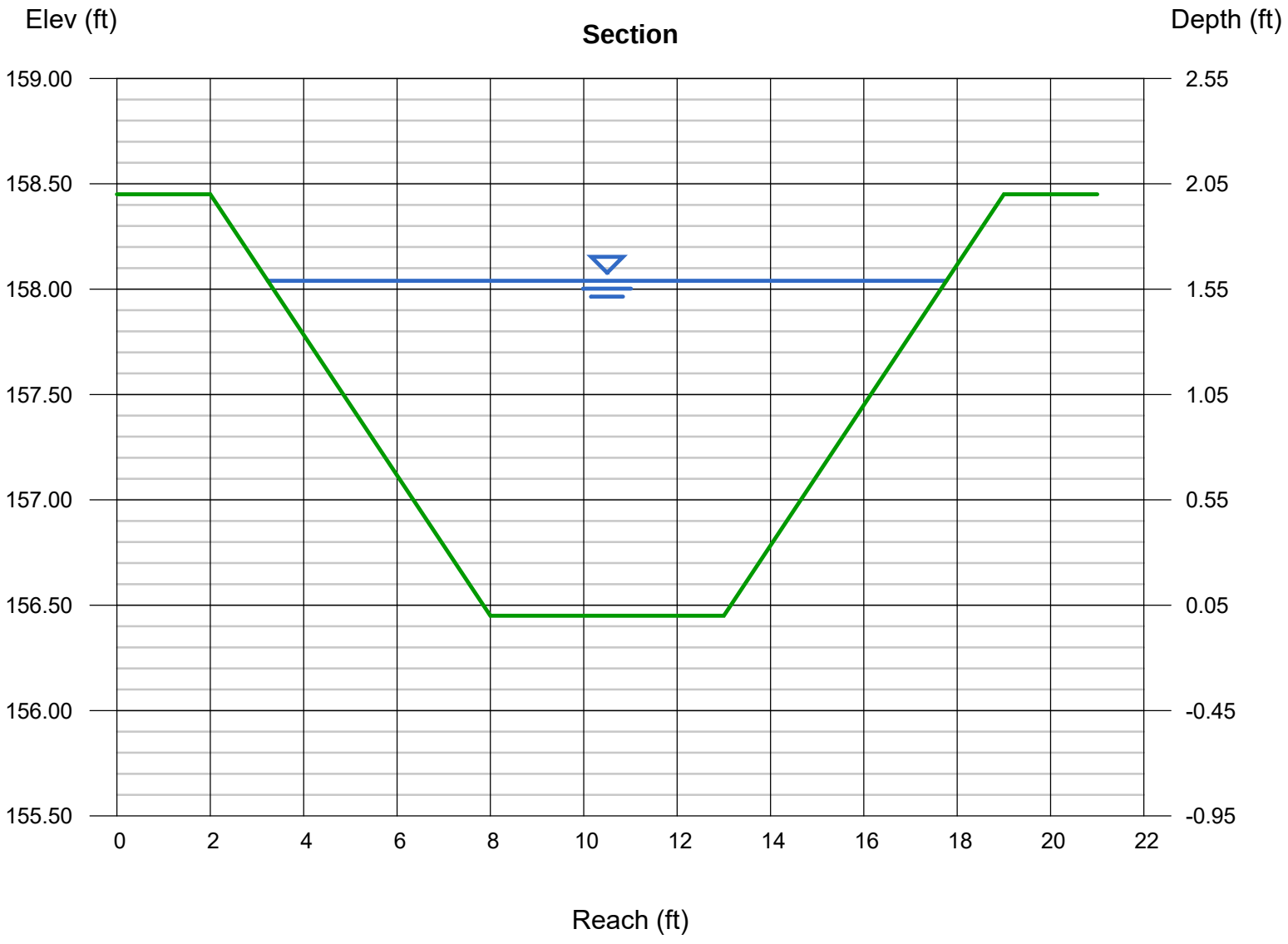
Bottom Width (ft)	= 5.00
Side Slopes (z:1)	= 3.00, 3.00
Total Depth (ft)	= 2.00
Invert Elev (ft)	= 156.45
Slope (%)	= 0.36
N-Value	= 0.150

Calculations

Compute by:	Known Q
Known Q (cfs)	= 9.35

Highlighted

Depth (ft)	= 1.59
Q (cfs)	= 9.350
Area (sqft)	= 15.53
Velocity (ft/s)	= 0.60
Wetted Perim (ft)	= 15.06
Crit Depth, Yc (ft)	= 0.44
Top Width (ft)	= 14.54
EGL (ft)	= 1.60



Channel Report

Hydraflow Express Extension for Autodesk® AutoCAD® Civil 3D® by Autodesk, Inc. Friday, Mar 27 2020

Ditch 2 - 100yr

Trapezoidal

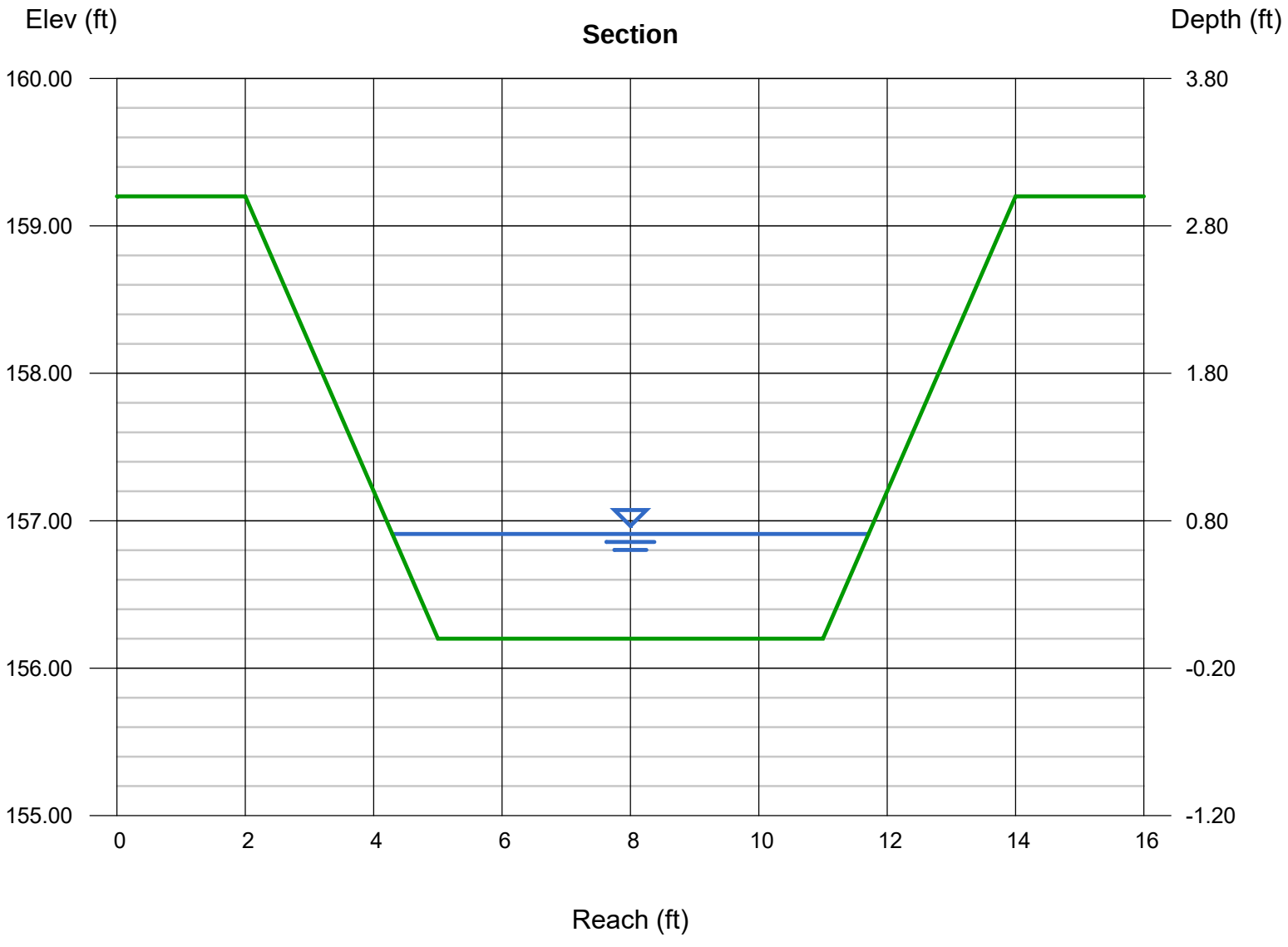
Bottom Width (ft)	= 6.00
Side Slopes (z:1)	= 1.00, 1.00
Total Depth (ft)	= 3.00
Invert Elev (ft)	= 156.20
Slope (%)	= 0.13
N-Value	= 0.013

Calculations

Compute by:	Known Q
Known Q (cfs)	= 13.66

Highlighted

Depth (ft)	= 0.71
Q (cfs)	= 13.66
Area (sqft)	= 4.76
Velocity (ft/s)	= 2.87
Wetted Perim (ft)	= 8.01
Crit Depth, Yc (ft)	= 0.53
Top Width (ft)	= 7.42
EGL (ft)	= 0.84



APPENDIX D

Drainage Plan Sheets

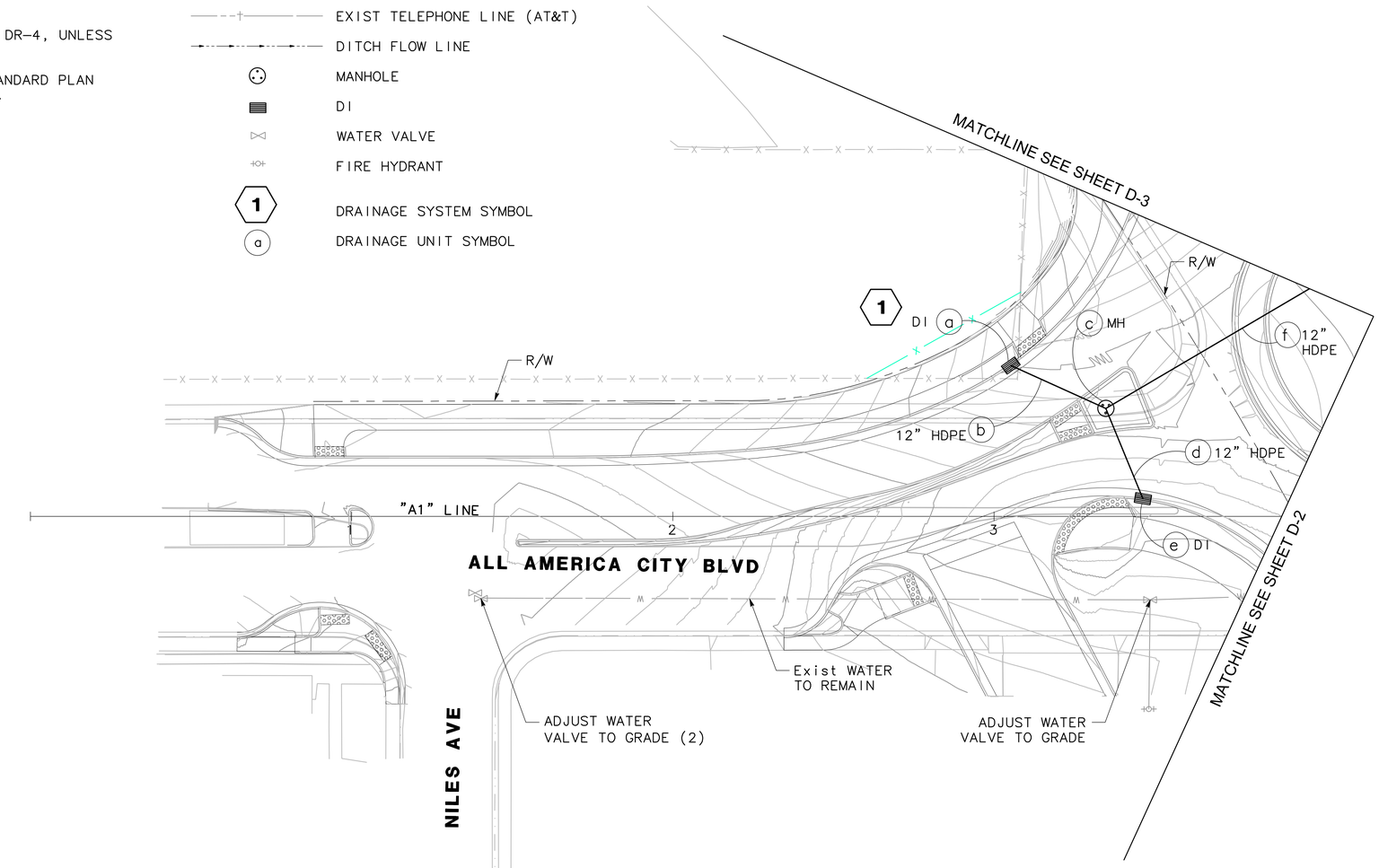
- 65% Drainage Plan Sheets

NOTES:

1. LOCATIONS AND ELEVATIONS OF UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO WORK.
2. PIPE INLET STRUCTURE IS ROSEVILLE STANDARD PLAN DR-13, UNLESS OTHERWISE NOTED.
3. HEADWALL IS ROSEVILLE STANDARD PLAN DR-12, UNLESS OTHERWISE NOTED.
4. DI IS ROSEVILLE STANDARD PLAN DR-1, UNLESS OTHERWISE NOTED.
5. MH IS ROSEVILLE STANDARD PLAN DR-4, UNLESS OTHERWISE NOTED.
6. LINED CHANNEL IS ROSEVILLE STANDARD PLAN DR-17, UNLESS OTHERWISE NOTED.

LEGEND:

- EXIST UG ELECTRICAL (ROSEVILLE ELECTRIC)
- EXIST OH ELECTRICAL (ROSEVILLE ELECTRIC OR SMUD OR WAPA)
- EXIST FIBER OPTIC (CENTURY LINK)
- EXIST JOINT TRENCH (CENTURY LINK/VERIZON)
- EXIST WATER (CITY OF ROSEVILLE)
- EXIST TELECOMMUNICATION (XO COMMUNICATIONS)
- EXIST TELEPHONE LINE (AT&T)
- DITCH FLOW LINE
- MANHOLE
- DI
- WATER VALVE
- FIRE HYDRANT
- 1 DRAINAGE SYSTEM SYMBOL
- a DRAINAGE UNIT SYMBOL



GRAPHIC SCALE IN FEET
0 10 20 40

D-1

65% DESIGN
FOR REVIEW ONLY
MARCH 2020

811 Know what's below. Call before you dig.

No.	REVISIONS	DATE	BY

MARK THOMAS
701 UNIVERSITY AVE, SUITE 200
SACRAMENTO, CA 95825
PHONE: 916.348.4300
WWW.MARKTHOMAS.COM

NOT FOR CONSTRUCTION

REGISTERED PROFESSIONAL ENGINEER
AMANDA M. SAVAGE
No. 73918
Exp. 6/30/21
CIVIL
STATE OF CALIFORNIA

KHA PROJECT	097918026
DATE	MARCH 2020
SCALE	AS SHOWN
DESIGNED BY	FM
DRAWN BY	FM
CHECKED BY	MM

WASHINGTON BLVD AT ALL AMERICA CITY BLVD (WAAC) ROUNDABOUT PROJECT

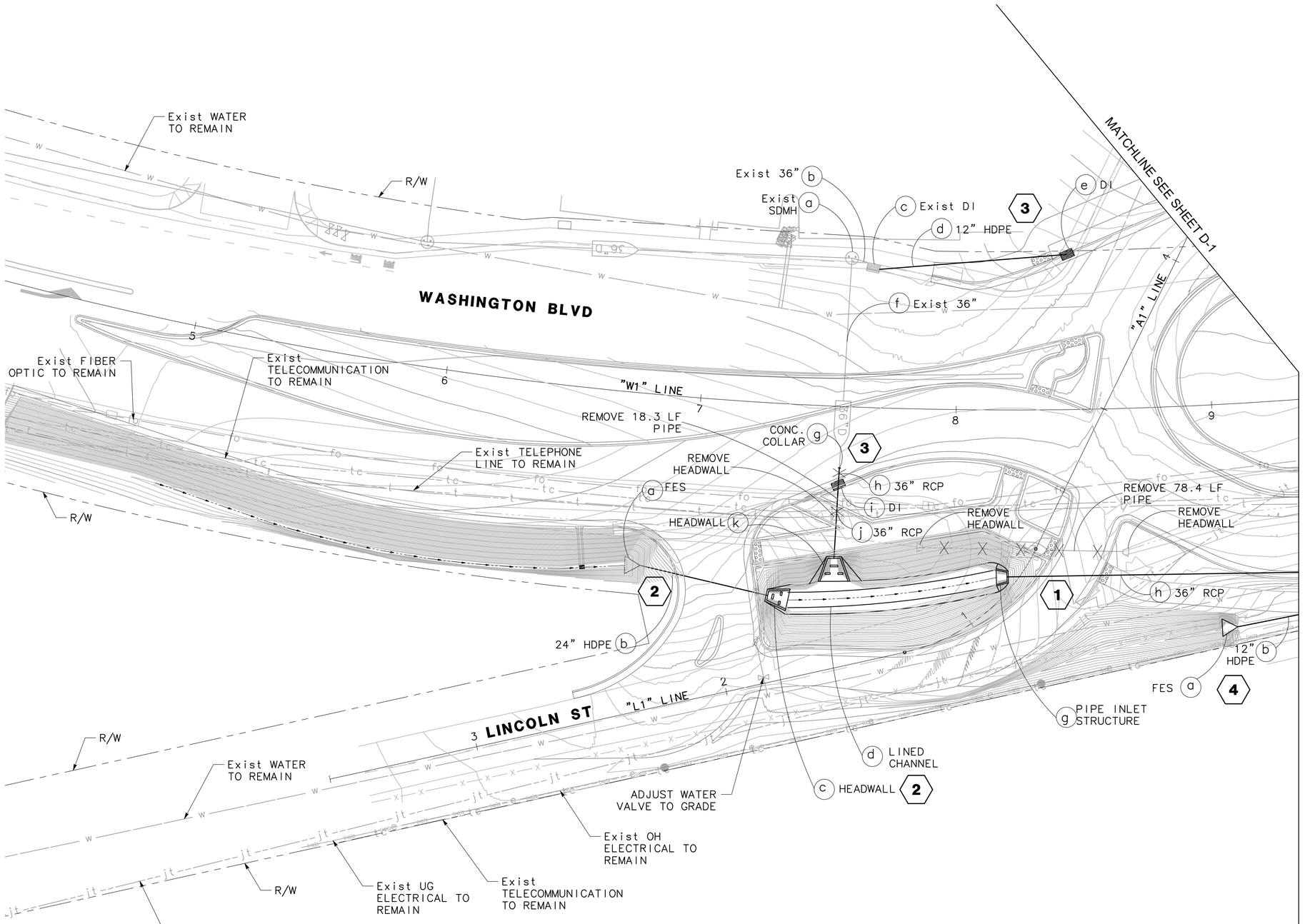
DRAINAGE & UTILITIES PLAN

CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA

SHEET NUMBER
19 OF 41

J:\KIMLEY-HORN-SA-19130-ROSEVILLE-ALL AMERICAN DR ROUNDABOUT\CADD_2018\SHEETS\RWB_D.DWG

EN19-0940



J:\KIMLEY-HORN-SA-19130-ROSEVILLE-ALL AMERICAN DR ROUNDABOUT\CADD_2018\SHEETS\RWB_D.DWG

No.	REVISIONS	DATE	BY

MARK THOMAS
701 UNIVERSITY AVE, SUITE 200
SACRAMENTO, CA 95825
PHONE: 916.438.4000
WWW.MARKTHOMAS.COM

REGISTERED PROFESSIONAL ENGINEER
AMARJIT S. SAVAL
No. 73828
Exp. 6/30/20
CIVIL
STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

KHA PROJECT	097918026
DATE	MARCH 2020
SCALE	AS SHOWN
DESIGNED BY	FM
DRAWN BY	FM
CHECKED BY	MM

WASHINGTON BLVD AT ALL AMERICA CITY BLVD (WAAC) ROUNDABOUT PROJECT

DRAINAGE & UTILITIES PLAN

CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA

65% DESIGN
FOR REVIEW ONLY
MARCH 2020

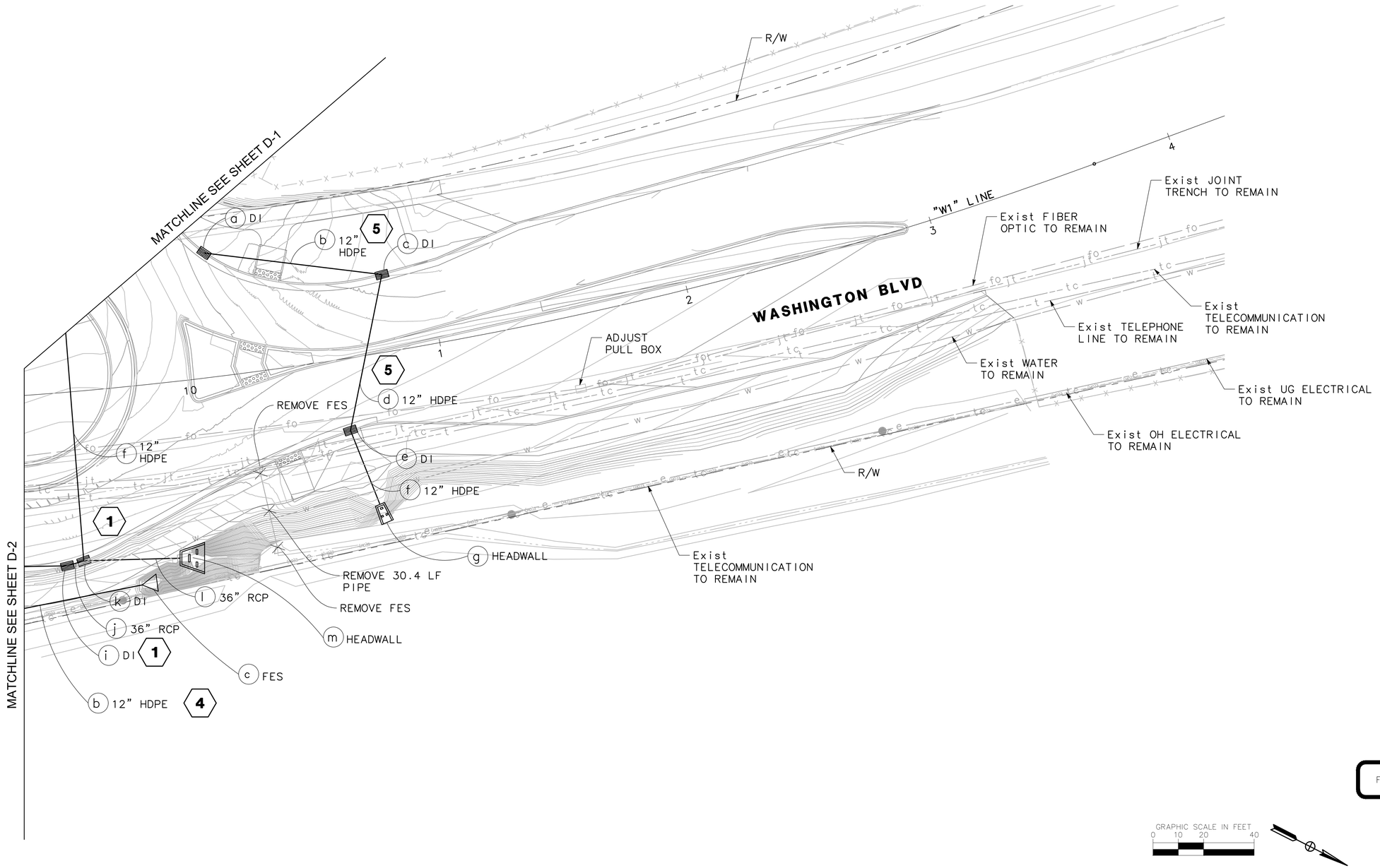
GRAPHIC SCALE IN FEET
0 10 20 40

811
Know what's below.
Call before you dig.

D-2

SHEET NUMBER
20 OF 41

EN19-0940



65% DESIGN
FOR REVIEW ONLY
MARCH 2020

GRAPHIC SCALE IN FEET
0 10 20 40

Know what's below. Call before you dig.

D-3

J:\KIMLEY-HORN-SA-19130-ROSEVILLE-ALL AMERICAN DR ROUNDABOUT\CADD_2018\SHEETS\RWB_D.DWG

No.	REVISIONS	DATE	BY

MARK THOMAS
701 UNIVERSITY AVE, SUITE 200
SACRAMENTO, CA 95825
PHONE: (916) 381-4700
WWW.MARKTHOMAS.COM

REGISTERED PROFESSIONAL ENGINEER
AMARJIT SAINI
No. 73238
Exp. 6/30/2021
CIVIL
STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

KHA PROJECT	097918026
DATE	MARCH 2020
SCALE	AS SHOWN
DESIGNED BY	FM
DRAWN BY	FM
CHECKED BY	MM

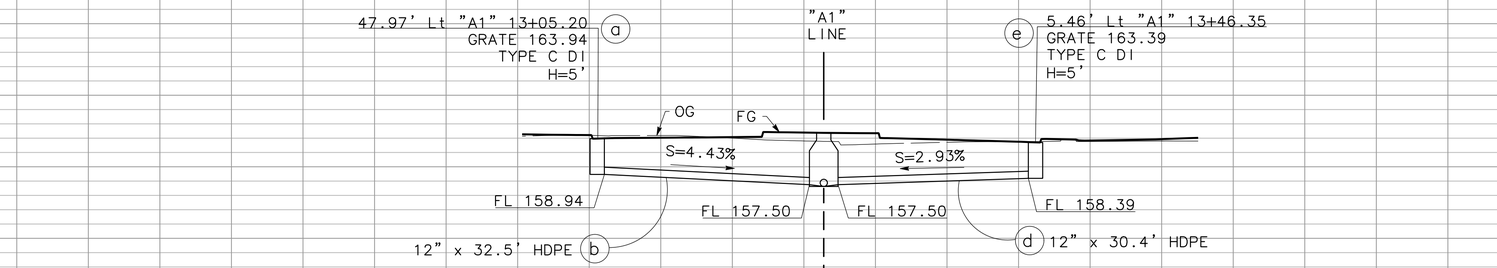
WASHINGTON BLVD AT ALL AMERICA CITY BLVD (WAAC) ROUNDABOUT PROJECT

DRAINAGE & UTILITIES PLAN

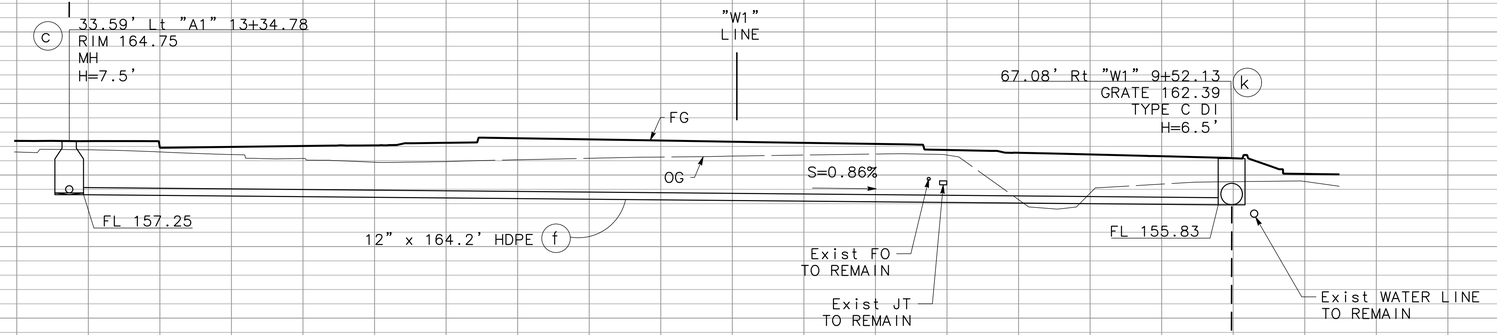
CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA

SHEET NUMBER
21 OF 41

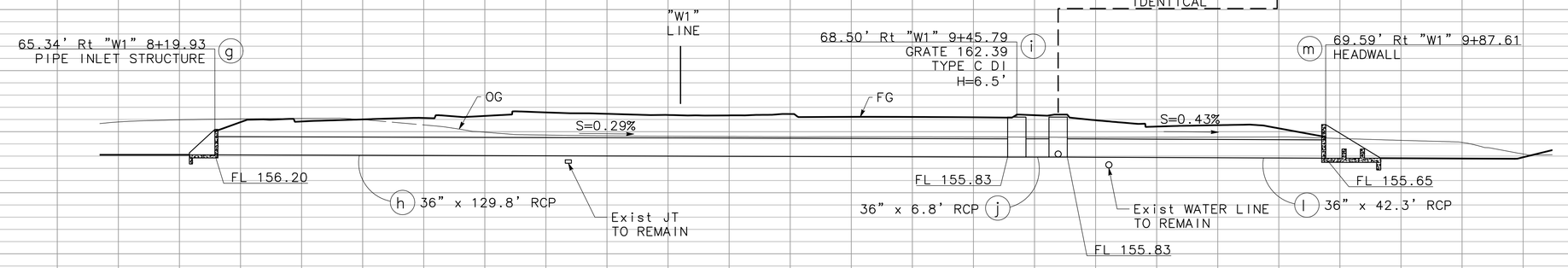
EN19-0940



IDENTICAL



IDENTICAL



DRAINAGE SYSTEM No. 1

65% DESIGN
FOR REVIEW ONLY
MARCH 2020

Know what's below.
Call before you dig.

DP-1

J:\KIMLEY-HORN-SA-19130-ROSEVILLE-ALL AMERICAN DR ROUNDABOUT\CADD_2018\SHEETS\RWB_DP.DWG

No.	REVISIONS	DATE	BY

MARK THOMAS
701 UNIVERSITY AVE, SUITE 200
SACRAMENTO, CA 95825
PHONE: 916.381.4700
WWW.MARKTHOMAS.COM

REGISTERED PROFESSIONAL ENGINEER
AMANDA M. FRANCIS
No. 73428
Exp. 6/30/21
CIVIL
STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

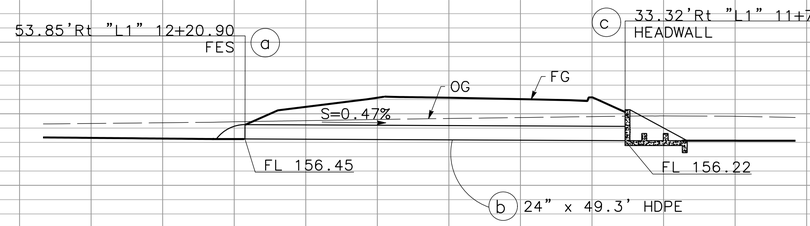
KHA PROJECT	097918026
DATE	MARCH 2020
SCALE	AS SHOWN
DESIGNED BY	FM
DRAWN BY	FM
CHECKED BY	MM

WASHINGTON BLVD AT ALL AMERICA CITY BLVD (WAAC) ROUNDABOUT PROJECT

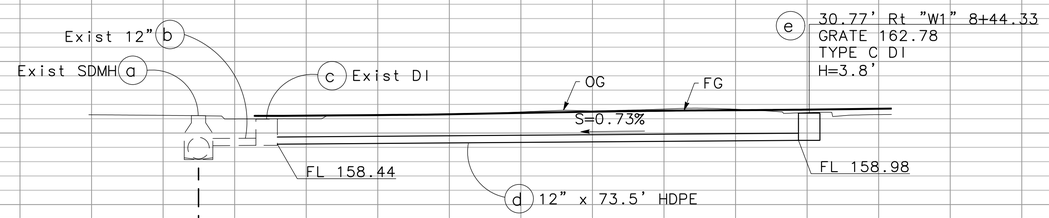
DRAINAGE PROFILES

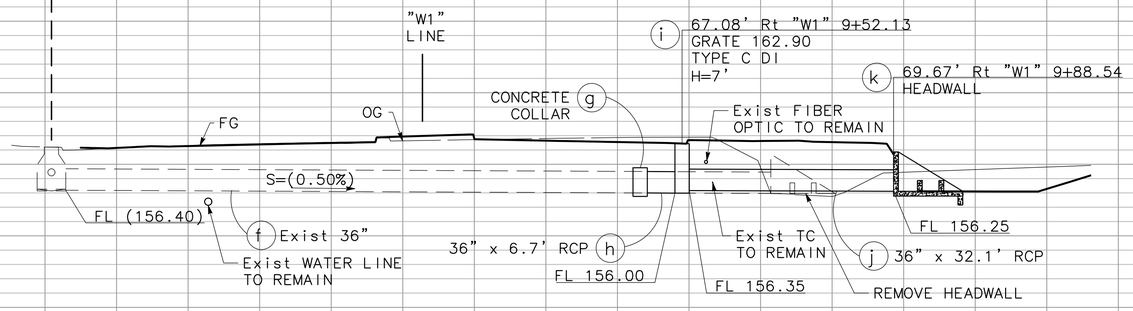
CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA

SHEET NUMBER
22 OF 41



DRAINAGE SYSTEM No. 2





DRAINAGE SYSTEM No. 3

65% DESIGN
FOR REVIEW ONLY
MARCH 2020

Know what's below.
Call before you dig.

DP-2

No.	REVISIONS	DATE	BY

MARK THOMAS
701 UNIVERSITY AVE, SUITE 200
SACRAMENTO, CA 95825
PHONE: 916.381.1010
WWW.MARKTHOMAS.COM

REGISTERED PROFESSIONAL ENGINEER
AARON M. SILVA
No. 73428
Exp. 6/30/21
CIVIL
STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

KHA PROJECT	097918026
DATE	MARCH 2020
SCALE	AS SHOWN
DESIGNED BY	FM
DRAWN BY	FM
CHECKED BY	MM

WASHINGTON BLVD AT ALL AMERICA CITY BLVD (WAAC) ROUNDABOUT PROJECT

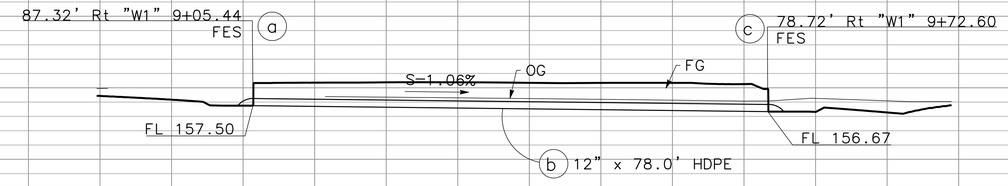
DRAINAGE PROFILES

CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA

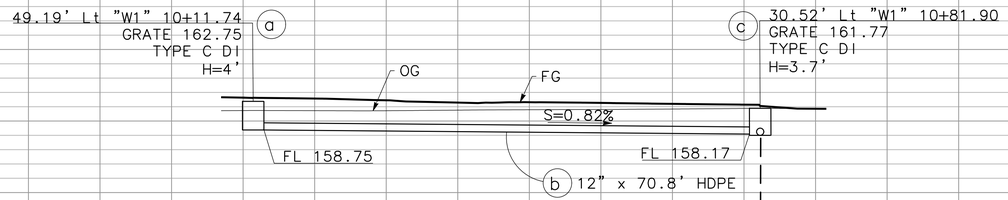
SHEET NUMBER
23 OF 41

J:\KIMLEY-HORN-SA-19130-ROSEVILLE-ALL AMERICAN DR ROUNDABOUT\CADD_2018\SHEETS\RWB_DP.DWG

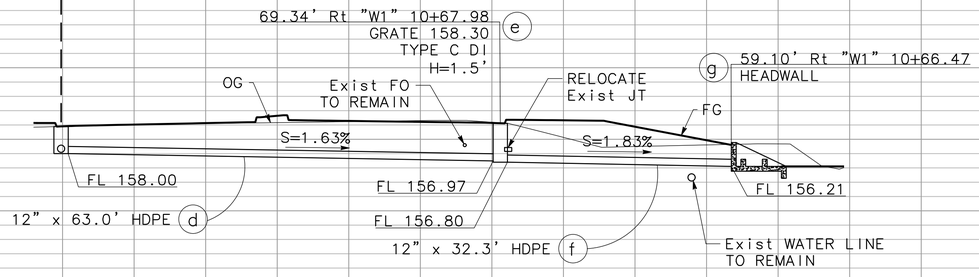
EN19-0940



DRAINAGE SYSTEM No. 4



IDENTICAL



DRAINAGE SYSTEM No. 5

65% DESIGN
FOR REVIEW ONLY
MARCH 2020

811
Know what's below.
Call before you dig.

DP-3

No.	REVISIONS	DATE	BY

MARK THOMAS
701 UNIVERSITY AVE, SUITE 200
SACRAMENTO, CA 95825
PHONE: 916.381.1010
WWW.MARKTHOMAS.COM

REGISTERED PROFESSIONAL ENGINEER
AMANDA M. SAVAL
No. 73218 Exp. 6/30/21 CIVIL
STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

KHA PROJECT	097918026
DATE	MARCH 2020
SCALE	AS SHOWN
DESIGNED BY	FM
DRAWN BY	FM
CHECKED BY	MM

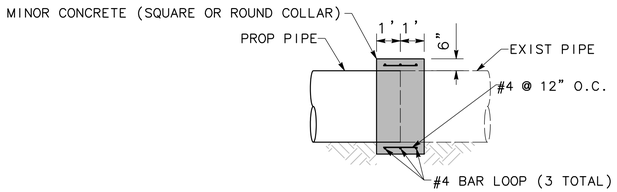
WASHINGTON BLVD AT ALL AMERICA CITY BLVD (WAAC) ROUNDABOUT PROJECT

DRAINAGE PROFILES

CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA

SHEET NUMBER
24 OF 41

J:\KIMLEY-HORN-SA-19130-ROSEVILLE-ALL AMERICAN DR ROUNDABOUT\CADD_2018\SHEETS\RWB_DP.DWG



PIPE TO PIPE CONNECTION

NO SCALE

3 C

DD-1

65% DESIGN
FOR REVIEW ONLY
MARCH 2020

811 Know what's below. Call before you dig.

J:\KIMLEY-HORN-SA-19130-ROSEVILLE-ALL AMERICAN DR ROUNDABOUT\CADD_2018\SHEETS\RWB_DD.DWG

No.	REVISIONS	DATE	BY

MARK THOMAS
701 UNIVERSITY AVE, SUITE 200
SACRAMENTO, CA 95825
PHONE: 916.381.4000
WWW.MARKTHOMAS.COM

REGISTERED PROFESSIONAL ENGINEER
AMANDA SAVAGE
No. 73818
Exp. 6/30/21
CIVIL
STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

KHA PROJECT	097918026
DATE	MARCH 2020
SCALE	AS SHOWN
DESIGNED BY	FM
DRAWN BY	FM
CHECKED BY	MM

WASHINGTON BLVD AT ALL AMERICA CITY BLVD (WAAC) ROUNDABOUT PROJECT

DRAINAGE DETAILS

CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA

Appendix F

Traffic Impact Memorandum

$2M CMAQ - Construction
Local $ Design

FEHR & PEERS

TECHNICAL MEMORANDUM

Date: August 24, 2017

To: Raul Cervantes – City of Roseville & Zach Siviglia – Mark Thomas

From: John Gard, P.E. – Fehr & Peers

Subject: ***Washington Boulevard/All America City Boulevard/Lincoln Street Traffic Analysis***

RS17-xxxx

This memorandum presents our analysis of existing and cumulative (Year 2035) traffic operations and emissions at the Washington Boulevard/All America City Boulevard/Lincoln Street intersection under existing traffic control and with a roundabout. As requested by the City, this analysis focuses exclusively on traffic operations and does not evaluate any geometric or safety considerations.

Existing Conditions

Figure 1 provides a map showing the location of the subject intersection. The following describes its connecting roadways:

Washington Boulevard is an important four-lane north-south arterial that connects north Roseville and Downtown. It provides access to a number of schools, businesses, residential areas, and the adjacent Placer County Fairgrounds. The subject intersection marks the transition between a higher-speed (45-mph speed limit) roadway to the north, and a slower speed (35-mph speed limit) roadway to the south. Washington Boulevard features a gradual horizontal curve approaching and departing the intersection that creates a skewed alignment with its cross streets.

All America City Boulevard is an east-west two-lane street that provides access to the Placer County Fairgrounds, Woodbridge Elementary School, and various residences and businesses.

Lincoln Street extends southeasterly as a two-lane street from Washington Boulevard to connect with Sierra Boulevard (i.e., crooked bridge over the Union Pacific Railroad tracks). Lincoln Street provides access to Old Town Roseville as well as residences and schools (including Roseville High School) located to the east along Sierra Boulevard.

Figure 1 displays the existing lane configurations and traffic controls that are present at the subject intersection. As shown, it features stop signs on the All America City Boulevard and Lincoln Street approaches. Dedicated northbound and southbound left-turn lanes are provided on Washington Boulevard.

Figure 1 also displays the existing weekday AM and PM peak hour traffic volumes at the intersection. The AM peak hour occurs from 8 to 9 AM when traffic levels spike due to parents arriving and departing to drop off students at Woodbridge Elementary School located just west of the intersection. Between 8:45 and 9:00 AM, the intersection becomes congested as shown in the photos below.

The PM peak hour occurs from 4:45 to 5:45 PM, when there is less traffic on All America City Boulevard (compared to the AM peak hour) but more through traffic on Washington Boulevard.

Special events at Placer County Fairgrounds (e.g., Strawberry Festival, racing at All America Speedway, County Fair, etc.) also result in spikes in traffic at this intersection.



Image 1: View of frequent northbound and southbound left-turning vehicles, which cause delays to traffic on All America City Boulevard (AM Peak Hour)



Image 2: Vehicular queuing (approximately four vehicles waiting in each of the left and shared through/right lanes) on the All America City Boulevard approach to Washington Boulevard (AM Peak Hour)

Field observations revealed moderate levels of pedestrian and bicycle travel along Washington Boulevard. Sidewalks are present on the west side of Washington Boulevard, but not the east side. Crosswalks are not provided across Washington Boulevard at the intersection.



Image 3: Photo of pedestrian on west side of Washington Boulevard waiting to cross All America City Boulevard

Existing Conditions with Proposed Roundabout

The conceptual layout of the proposed roundabout would feature two circulating lanes along with double lane entry/exits on the Washington Boulevard approaches, and single lane entry/exits on the Lincoln Street approach. The All America City Boulevard approach would be designed to include a shared left/through lane and a dedicated right-turn lane entering the roundabout and a single exit lane. Crosswalks would be provided on all approaches.

Table 1 compares existing AM and PM peak hour traffic operations with side-street stop control and with a roundabout (refer to Appendix A for technical calculations).

TABLE 1
Existing Traffic Operations at Washington Boulevard/All America City Boulevard/Lincoln Street Intersection – Existing Configuration Versus Proposed Roundabout

Movement [1]	Control Type	AM Peak Hour		PM Peak Hour	
		Average Delay (seconds) [3]	Level of Service (LOS)	Average Delay (seconds) [3]	Level of Service (LOS)
Existing Configuration [1]					
Eastbound Left-Turn	Stop	55	F	61	F
Eastbound Through/Right	Stop	14	B	38	E
Westbound Left/Through/Right	Stop	11	B	15	C
Southbound Left-Turn	Yield	10	B	16	C
Northbound Left-Turn	Yield	10	A	10	B
Overall	-	3	A	2	A
Proposed Roundabout [2]					
Northbound Approach	Yield	7	A	11	B
Southbound Approach	Yield	7	A	7	A
Eastbound Approach	Yield	8	A	8	A
Westbound Approach	Yield	5	A	10	B
Overall	-	7	A	9	A

Notes:
1. Existing configuration analyzed using *2010 Highway Capacity Manual (HCM)*. Note that *HCM 6th Edition* Update (released in early 2017) did not materially change unsignalized intersection methodology.
2. Proposed roundabout analyzed using Sidra software based on HCM 6th edition update methodology. HCM 6th edition includes more reasonable roundabout capacities than 2010 HCM based on new research.
3. Delay values rounded to the nearest second. Since 10 seconds is the transition from LOS A to B, in some instances, 10 seconds corresponds to LOS A, while in other instances, it corresponds to LOS B.

Table 1 shows that the eastbound left-turn movement currently operates at LOS F during the AM and PM peak hours. However, overall delay at the intersection is low because the vast majority of all approaching traffic are through vehicles that experience no delay.

With the proposed roundabout in place, delays would be comparable on all approaches, which implies through traffic would incur more delay while side-street approaches would incur less. Overall operations would at LOS A during both peak hours.

Cumulative Conditions with Proposed Roundabout

The City of Roseville maintains a travel demand model that produces AM and PM peak hour traffic forecasts for the Year 2035. That model was used to develop forecasts at the study intersection.

A variety of seasonal and special events currently occurs on the Placer County Fairgrounds property. These events, which typically occur outside of normal weekday AM and PM peak hours of travel, can influence traffic flows at the subject intersection. Due to their infrequent nature and the diversity of event types/sizes and start/end times, they were not considered in the existing conditions analysis. Similarly, existing events and any future planned special events are also not considered in the cumulative forecasts or operations analysis due to their speculative nature.

Figure 2 displays the cumulative (2035) weekday AM and PM peak hour traffic forecasts at the intersection. This figure indicates that the cumulative two-way through traffic volume on Washington Boulevard is anticipated to increase by 35 and 25 percent, respectively over the existing AM and PM peak hour volumes. However, the PM peak hour will continue to carry greater overall traffic flows.

Table 2 compares cumulative (2035) traffic operations during the AM and PM peak hours with operations that would result with the proposed roundabout (refer to Appendix A for technical calculations). This table reveals the following key conclusions:

Existing Configuration

- Intersection capacity would be exceeded and side-street approaches would experience substantial delays and queuing.
- The lack of available gaps for motorists desiring to turn onto Washington Boulevard could result selecting shorter/inadequate gaps due to frustration or diverting to other routes.
- With new development planned along Lincoln Street, increased levels of pedestrian activity are expected. Installation of a marked crosswalk across Washington Boulevard to accommodate these pedestrian flows would not be advisable for the current intersection configuration.

TABLE 2
Cumulative (2035) Traffic Operations at Washington Boulevard/All America City Boulevard/Lincoln Street Intersection – Existing Configuration Versus Proposed Roundabout

Movement [1]	Control Type	AM Peak Hour		PM Peak Hour	
		Average Delay (seconds) [3]	Level of Service (LOS)	Average Delay (seconds) [3]	Level of Service (LOS)
Existing Configuration [1]					
Eastbound Left-Turn	Stop	> 300 [4]	F	> 300 [4]	F
Eastbound Through/Right	Stop	18	C	> 300 [4]	F
Westbound Left/Through/Right	Stop	> 300 [4]	F	20	C
Southbound Left-Turn	Yield	21	C	72	F
Northbound Left-Turn	Yield	11	B	12	B
Overall	-	- [4]	F	- [4]	F
Proposed Roundabout [2]					
Northbound Approach	Yield	14	B	42	E
Southbound Approach	Yield	9	A	12	B
Eastbound Approach	Yield	11	B	20	C
Westbound Approach	Yield	11	B	16	C
Overall	-	11	B	26	D

Notes:
1. Existing configuration analyzed using *2010 Highway Capacity Manual (HCM)*. Note that *HCM 6th Edition* Update (released in early 2017) did not materially change unsignalized intersection methodology.
2. Proposed roundabout analyzed using Sidra software based on HCM 6th edition update methodology. HCM 6th edition includes more reasonable roundabout capacities than 2010 HCM based on new research.
3. Delay values rounded to the nearest second. Since 10 seconds is the transition from LOS A to B, in some instances, 10 seconds corresponds to LOS A, while in other instances, it corresponds to LOS B.
4. "> 300 seconds" implies volume inputs exceeds capacity of movement and software program is not able to develop accurate delay estimates. LOS F results occur.

Proposed Roundabout

- The roundabout would operate at an overall LOS B during the AM peak hour and LOS D during the PM peak hour.[1]
- The northbound approach would operate at LOS E during the PM peak hour with considerable queues. The following is recommended to reduce delays and queuing on this approach should cumulative traffic growth reach levels projected by the City's model:
    - Install conduit to provide future electrical connection to enable signalization of eastbound approach (or lighting, CCTV, etc.).[2]

Comparison of Emissions

The City of Roseville recognizes that some type of operational enhancement will ultimately be necessary at the subject intersection. The City's long-range development plan currently assumes a traffic signal will be installed. Therefore, it is appropriate to compare vehicular emissions associated with the proposed roundabout versus a traffic signal. As shown in Appendix A, the roundabout would result in the following reductions in daily emissions:

- ROG: 9.6 percent fewer kilograms per day than a traffic signal.
- NOx: 4.1 percent fewer kilograms per day than a traffic signal.

Conclusions

Implementation of a roundabout at the Washington Boulevard/All America City Boulevard/Lincoln Street intersection provides a number of advantages over maintaining the current side-street stop control configuration, as listed below:

- Decreased delays and vehicular queuing on side-street approaches.
- Improved pedestrian environment to better accommodate travel by non-auto modes.
- Aesthetic enhancement that signifies the transition of Washington Boulevard from a higher speed arterial to a lower speed downtown street.

The above improvements are in addition to the safety and geometric enhancements that the roundabout would provide. We hope this information is helpful. Please call or e-mail with any questions or comments.

---

1 The City does not have a LOS policy for roundabouts. However, the resulting delay of 31 seconds would correspond to a LOS C condition for a signalized intersection, which the City considers acceptable.

2 Signalization of the eastbound approach would enable the flow of vehicles on this approach to be stopped, thereby providing more capacity for the northbound approach to reduce queuing and delays.

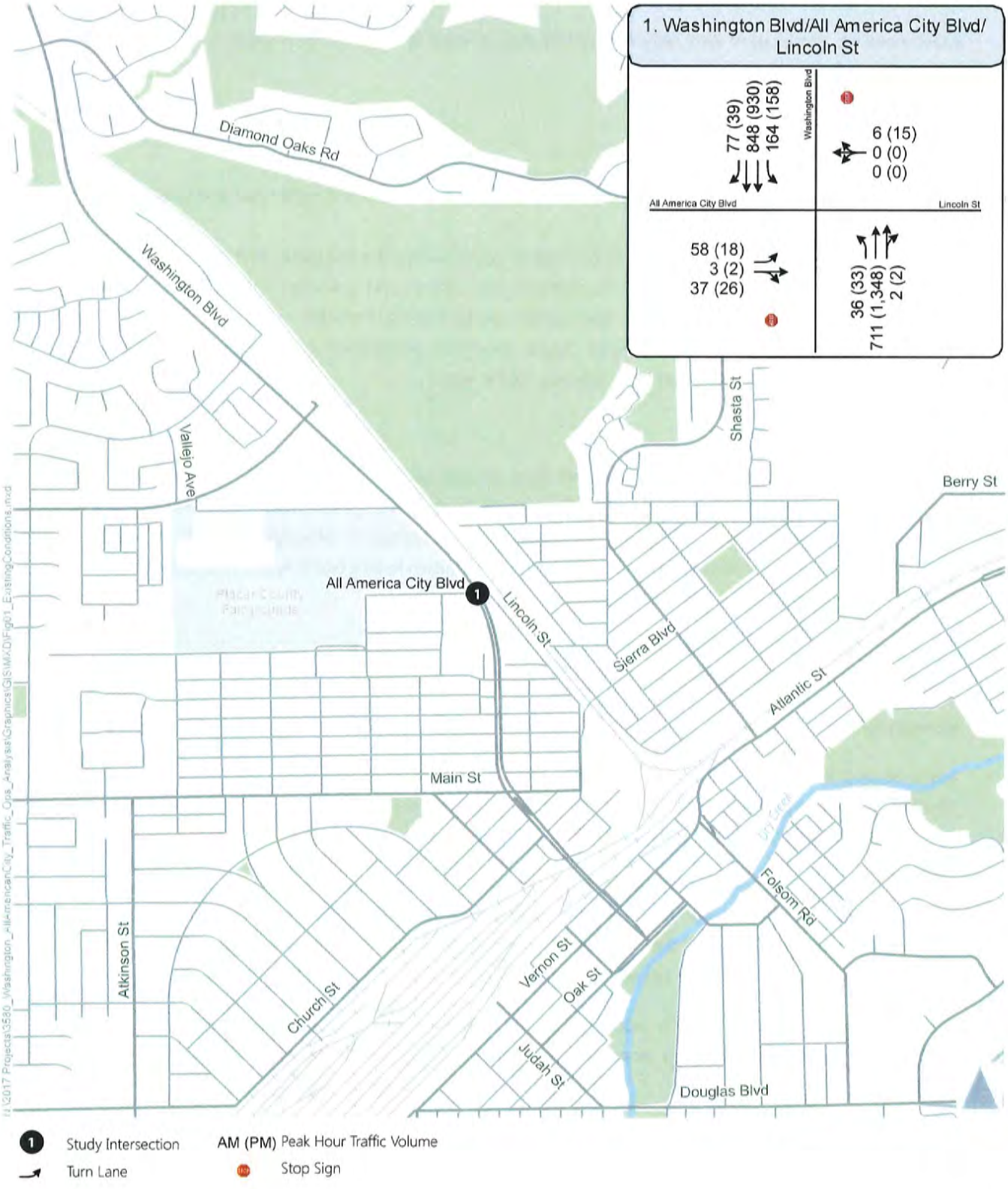


Figure 1

Peah Hour Turning Volumes - Existing Conditions

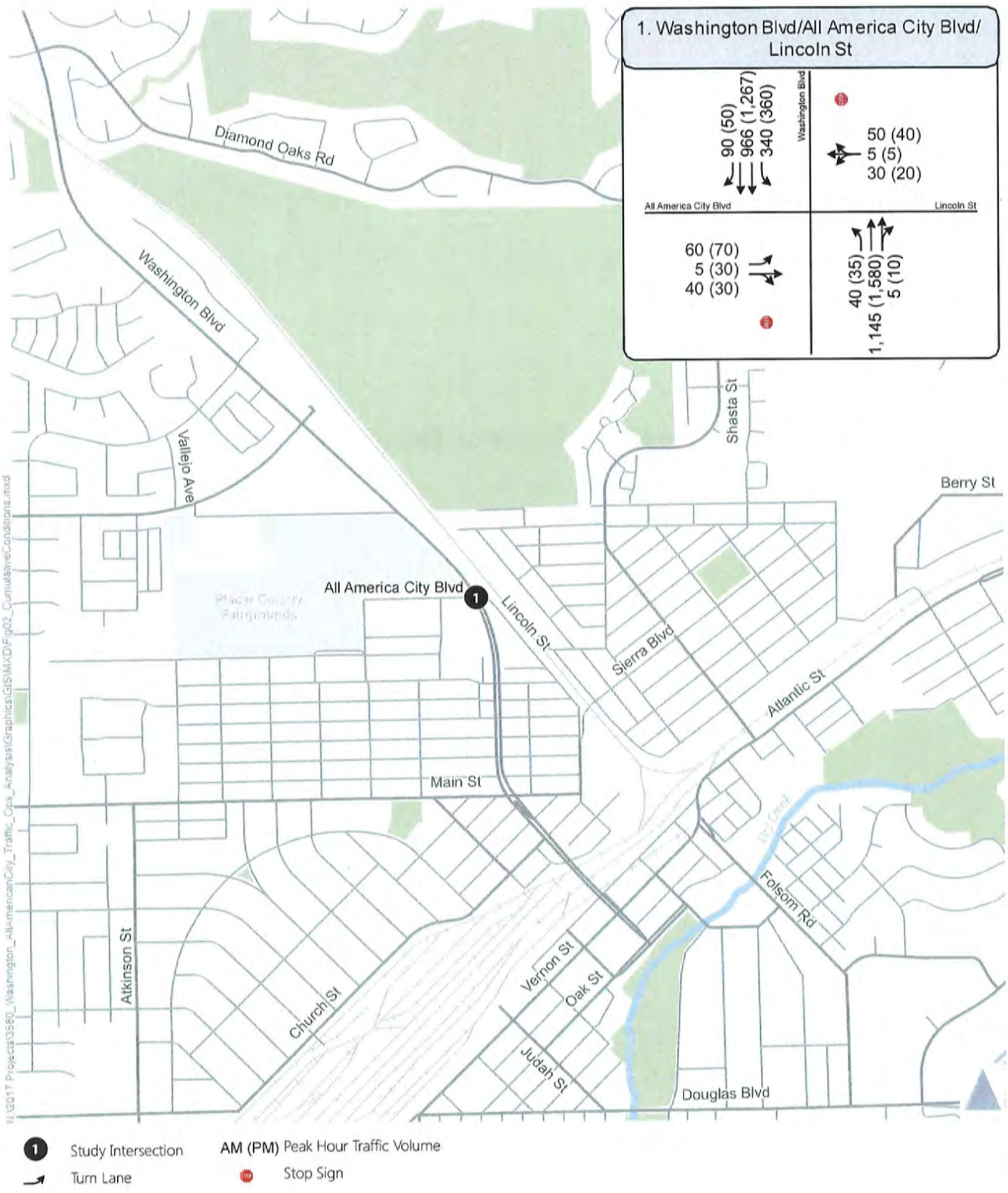


Figure 2

Peah Hour Turning Volumes - Cumulative Conditions

Appendix A – Technical Calculations

Intersection	
Int Delay, s/veh	3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	58	3	37	0	0	6	36	711	2	164	848	77
Future Vol, veh/h	58	3	37	0	0	6	36	711	2	164	848	77
Conflicting Peds, #/hr	5	0	5	0	0	0	5	0	0	5	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	75	-	-	-	-	-	0	-	-	255	-	240
Veh in Median Storage, #	-	1	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	96	96	96	96	96	96	96	96	96	96	96	96
Heavy Vehicles, %	1	1	1	1	1	1	1	1	1	1	1	1
Mvmt Flow	60	3	39	0	0	6	38	741	2	171	883	80

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1680	2053	452	1612	2052	381	888	0	0	748	0	0
Stage 1	1230	1230	-	822	822	-	-	-	-	-	-	-
Stage 2	450	823	-	790	1230	-	-	-	-	-	-	-
Critical Hdwy	7.52	6.52	6.92	7.52	6.52	6.92	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.52	5.52	-	6.52	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.52	5.52	-	6.52	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.51	4.01	3.31	3.51	4.01	3.31	2.21	-	-	2.21	-	-
Pot Cap-1 Maneuver	62	55	558	70	56	620	765	-	-	863	-	-
Stage 1	190	250	-	336	389	-	-	-	-	-	-	-
Stage 2	561	388	-	352	250	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	~ 50	42	553	52	42	615	762	-	-	859	-	-
Mov Cap-2 Maneuver	129	109	-	52	42	-	-	-	-	-	-	-
Stage 1	180	199	-	318	368	-	-	-	-	-	-	-
Stage 2	525	367	-	257	199	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	38.7	10.9	0.5	1.5
HCM LOS	E	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	762	-	-	129	424	615	859	-	-
HCM Lane V/C Ratio	0.049	-	-	0.468	0.098	0.01	0.199	-	-
HCM Control Delay (s)	10	-	-	55.4	14.4	10.9	10.2	-	-
HCM Lane LOS	A	-	-	F	B	B	B	-	-
HCM 95th %tile Q(veh)	0.2	-	-	2.1	0.3	0	0.7	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	18	2	26	0	0	15	33	1348	2	158	930	39
Future Vol, veh/h	18	2	26	0	0	15	33	1348	2	158	930	39
Conflicting Peds, #/hr	5	0	5	0	0	0	5	0	0	5	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	75	-	-	-	-	-	0	-	-	255	-	240
Veh in Median Storage, #	-	1	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	96	96	96	96	96	96	96	96	96	96	96	96
Heavy Vehicles, %	1	1	1	1	1	1	1	1	1	1	1	1
Mvmt Flow	19	2	27	0	0	16	34	1404	2	165	969	41

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	2079	2783	494	2299	2782	713	974	0	0	1411	0	0
Stage 1	1303	1303	-	1479	1479	-	-	-	-	-	-	-
Stage 2	776	1480	-	820	1303	-	-	-	-	-	-	-
Critical Hdwy	7.52	6.52	6.92	7.52	6.52	6.92	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.52	5.52	-	6.52	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.52	5.52	-	6.52	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.51	4.01	3.31	3.51	4.01	3.31	2.21	-	-	2.21	-	-
Pot Cap-1 Maneuver	31	19	524	21	19	377	710	-	-	484	-	-
Stage 1	171	231	-	133	190	-	-	-	-	-	-	-
Stage 2	359	189	-	337	231	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	21	12	520	12	12	374	707	-	-	482	-	-
Mov Cap-2 Maneuver	83	13	-	12	12	-	-	-	-	-	-	-
Stage 1	162	151	-	126	180	-	-	-	-	-	-	-
Stage 2	326	179	-	206	151	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	47	15	0.2	2.3
HCM LOS	E	C		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	707	-	-	83	137	374	482	-	-
HCM Lane V/C Ratio	0.049	-	-	0.226	0.213	0.042	0.341	-	-
HCM Control Delay (s)	10.4	-	-	60.6	38.2	15	16.3	-	-
HCM Lane LOS	B	-	-	F	E	C	C	-	-
HCM 95th %tile Q(veh)	0.2	-	-	0.8	0.8	0.1	1.5	-	-

MOVEMENT SUMMARY

Site: 1 [RAB Existing AM]

Roundabout with 1 & 2-lane approaches and circulating road
MUTCD (FHWA 2009) example number: 3C-4
Roundabout Guide (TRB 2010) example number: A-3
Roundabout

Movement Performance - Vehicles

	Mov ID	OD Mov	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	95% Back of Queue Distance ft	Prop. Queued	Effective Stop Rate per veh	Average Speed mph
NB	South: Washington Blvd											
	3	L2	38	1.0	0.346	6.6	LOS A	1.8	44.5	0.44	0.32	34.3
	8	T1	741	1.0	0.346	6.6	LOS A	1.8	44.5	0.44	0.32	34.3
	18b	R3	2	1.0	0.346	6.6	LOS A	1.8	44.5	0.44	0.32	33.0
	Approach		780	1.0	0.346	6.6	LOS A	1.8	44.5	0.44	0.32	34.3
WB	SouthEast: Lincoln St											
	3bx	L3	1	1.0	0.012	5.4	LOS A	0.0	1.0	0.55	0.45	28.9
	3ax	L1	1	1.0	0.012	5.4	LOS A	0.0	1.0	0.55	0.45	28.1
	18ax	R1	6	1.0	0.012	5.4	LOS A	0.0	1.0	0.55	0.45	27.8
	Approach		8	1.0	0.012	5.4	LOS A	0.0	1.0	0.55	0.45	28.0
SB	North: Washington Blvd											
	7a	L1	171	1.0	0.421	6.7	LOS A	2.6	66.7	0.19	0.07	33.4
	4	T1	883	1.0	0.421	6.7	LOS A	2.6	66.7	0.19	0.07	34.1
	14	R2	80	1.0	0.421	6.7	LOS A	2.6	66.7	0.19	0.07	33.3
	Approach		1134	1.0	0.421	6.7	LOS A	2.6	66.7	0.19	0.07	33.9
EB	West: All American City Blvd											
	5	L2	60	1.0	0.112	7.7	LOS A	0.4	9.5	0.62	0.62	26.5
	12a	R1	3	1.0	0.112	7.7	LOS A	0.4	9.5	0.62	0.62	25.9
	12	R2	39	1.0	0.077	8.2	LOS A	0.3	6.5	0.64	0.64	26.6
	Approach		102	1.0	0.112	7.9	LOS A	0.4	9.5	0.63	0.63	26.5
	All Vehicles		2025	1.0	0.421	6.7	LOS A	2.6	66.7	0.31	0.20	33.6

Site Level of Service (LOS) Method: Delay & v/c (HCM 2010). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 2010).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

SIDRA INTERSECTION 7.0 | Copyright © 2000-2017 Akcelik and Associates Pty Ltd | sidrasolutions.com

MOVEMENT SUMMARY

Site: 1 [RAB Existing PM]

Roundabout with 1 & 2-lane approaches and circulating road
MUTCD (FHWA 2009) example number: 3C-4
Roundabout Guide (TRB 2010) example number: A-3
Roundabout

Movement Performance - Vehicles

	Mov ID	OD Mov	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate per veh	Average Speed mph
NB	South: Washington Blvd											
	3	L2	34	1.0	0.611	10.8	LOS B	4.6	116.2	0.57	0.41	32.4
	8	T1	1404	1.0	0.611	10.8	LOS B	4.6	116.2	0.57	0.41	32.4
	18b	R3	2	1.0	0.611	10.8	LOS B	4.6	116.2	0.57	0.41	31.1
	Approach		1441	1.0	0.611	10.8	LOS B	4.6	116.2	0.57	0.41	32.4
WB	SouthEast: Lincoln St											
	3bx	L3	1	1.0	0.044	9.6	LOS A	0.1	3.5	0.72	0.72	27.7
	3ax	L1	1	1.0	0.044	9.6	LOS A	0.1	3.5	0.72	0.72	27.0
	18ax	R1	16	1.0	0.044	9.6	LOS A	0.1	3.5	0.72	0.72	26.7
	Approach		18	1.0	0.044	9.6	LOS A	0.1	3.5	0.72	0.72	26.8
SB	North: Washington Blvd											
	7a	L1	165	1.0	0.434	6.9	LOS A	2.8	70.5	0.19	0.07	33.4
	4	T1	969	1.0	0.434	6.9	LOS A	2.8	70.5	0.19	0.07	34.0
	14	R2	41	1.0	0.434	6.9	LOS A	2.8	70.5	0.19	0.07	33.2
	Approach		1174	1.0	0.434	6.9	LOS A	2.8	70.5	0.19	0.07	33.9
EB	West: All American City Blvd											
	5	L2	19	1.0	0.045	8.3	LOS A	0.1	3.7	0.66	0.66	26.4
	12a	R1	2	1.0	0.045	8.3	LOS A	0.1	3.7	0.66	0.66	25.8
	12	R2	27	1.0	0.051	7.4	LOS A	0.2	4.2	0.63	0.63	26.8
	Approach		48	1.0	0.051	7.8	LOS A	0.2	4.2	0.65	0.65	26.6
	All Vehicles		2680	1.0	0.611	9.0	LOS A	4.6	116.2	0.41	0.26	32.8

Site Level of Service (LOS) Method: Delay & v/c (HCM 2010). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 2010).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

SIDRA INTERSECTION 7.0 | Copyright © 2000-2017 Akcelik and Associates Pty Ltd | sidrasolutions.com

HCM 2010 TWSC
9: Washington Blvd & All America City Blvd/Lincoln St AM 08/21/2017

Intersection												
Int Delay, s/veh	92.5											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	60	5	40	30	5	50	40	1145	5	340	966	90
Future Vol, veh/h	60	5	40	30	5	50	40	1145	5	340	966	90
Conflicting Peds, #/hr	5	0	5	0	0	0	5	0	0	5	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	75	-	-	-	-	-	0	-	-	255	-	240
Veh in Median Storage, #	-	1	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	96	96	96	96	96	96	96	96	96	96	96	96
Heavy Vehicles, %	1	1	1	1	1	1	1	1	1	1	1	1
Mvmt Flow	63	5	42	31	5	52	42	1193	5	354	1006	94

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	2407	3006	513	2503	3004	609	1011	0	0	1203	0	0
Stage 1	1720	1720	-	1284	1284	-	-	-	-	-	-	-
Stage 2	687	1286	-	1219	1720	-	-	-	-	-	-	-
Critical Hdwy	7.52	6.52	6.92	7.52	6.52	6.92	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.52	5.52	-	6.52	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.52	5.52	-	6.52	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.51	4.01	3.31	3.51	4.01	3.31	2.21	-	-	2.21	-	-
Pot Cap-1 Maneuver	~ 17	13	509	~ 15	14	441	687	-	-	581	-	-
Stage 1	94	144	-	176	236	-	-	-	-	-	-	-
Stage 2	406	235	-	193	144	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	~ 5	505	~ 6	~ 5	437	684	-	-	579	-	-
Mov Cap-2 Maneuver	~ -36	78	-	~ 6	~ 5	-	-	-	-	-	-	-
Stage 1	88	56	-	165	221	-	-	-	-	-	-	-
Stage 2	326	220	-	62	56	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s		$ 2932.2	0.4	5
HCM LOS	-	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	684	-	-	314	14	579	-	-	
HCM Lane V/C Ratio	0.061	-	-	0.149	6.324	0.612	-	-	
HCM Control Delay (s)	10.6	-	-	18.5	$ 2932.2	20.5	-	-	
HCM Lane LOS	B	-	-	C	F	C	-	-	
HCM 95th %tile Q(veh)	0.2	-	-	0.5	12.1	4.1	-	-	

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Intersection	
Int Delay, s/veh	105.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	70	30	30	20	5	40	35	1580	10	360	1267	50
Future Vol, veh/h	70	30	30	20	5	40	35	1580	10	360	1267	50
Conflicting Peds, #/hr	5	0	5	0	0	0	5	0	0	5	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	75	-	-	-	-	-	0	-	-	255	-	240
Veh in Median Storage, #	-	1	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	96	96	96	96	96	96	96	96	96	96	96	96
Heavy Vehicles, %	1	1	1	1	1	1	1	1	1	1	1	1
Mvmt Flow	73	31	31	21	5	42	36	1646	10	375	1320	52

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	2978	3809	670	3160	3804	838	1325	0	0	1661	0	0
Stage 1	2075	2075	-	1729	1729	-	-	-	-	-	-	-
Stage 2	903	1734	-	1431	2075	-	-	-	-	-	-	-
Critical Hdwy	7.52	6.52	6.92	7.52	6.52	6.92	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.52	5.52	-	6.52	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.52	5.52	-	6.52	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.51	4.01	3.31	3.51	4.01	3.31	2.21	-	-	2.21	-	-
Pot Cap-1 Maneuver	~ 6	~ 4	402	~ 5	~ 4	312	522	-	-	388	-	-
Stage 1	~ 56	96	-	93	143	-	-	-	-	-	-	-
Stage 2	301	142	-	142	96	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	~ 1	0	399	0	0	309	520	-	-	386	-	-
Mov Cap-2 Maneuver	73	~ 3	-	0	0	-	-	-	-	-	-	-
Stage 1	~ 52	~ 3	-	86	133	-	-	-	-	-	-	-
Stage 2	232	132	-	-	~ 3	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	$ 2613.5	19.9	0.3	15.5
HCM LOS	F	C		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	520	-	-	73	6	309	386	-	-
HCM Lane V/C Ratio	0.07	-	-	0.999	10.417	0.219	0.972	-	-
HCM Control Delay (s)	12.4	-	-	202.9	$ 5425.9	19.9	72.1	-	-
HCM Lane LOS	B	-	-	F	F	C	F	-	-
HCM 95th %tile Q(veh)	0.2	-	-	5.2	9.5	0.8	11.2	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

MOVEMENT SUMMARY

Site: 1 [RAB Cumulative AM]

Roundabout with 1 & 2-lane approaches and circulating road
MUTCD (FHWA 2009) example number: 3C-4
Roundabout Guide (TRB 2010) example number: A-3
Roundabout

Movement Performance - Vehicles

	Mov ID	OD Mov	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	95% Back of Queue Distance ft	Prop. Queued	Effective Stop Rate per veh	Average Speed mph
NB	South: Washington Blvd											
	3	L2	42	1.0	0.652	13.9	LOS B	5.4	134.9	0.76	0.81	31.0
	8	T1	1193	1.0	0.652	13.9	LOS B	5.4	134.9	0.76	0.81	31.0
	18b	R3	5	1.0	0.652	13.9	LOS B	5.4	134.9	0.76	0.81	29.8
	Approach		1240	1.0	0.652	13.9	LOS B	5.4	134.9	0.76	0.81	31.0
WB	SouthEast: Lincoln St											
	3bx	L3	31	1.0	0.192	10.6	LOS B	0.6	16.2	0.72	0.72	26.8
	3ax	L1	5	1.0	0.192	10.6	LOS B	0.6	16.2	0.72	0.72	26.1
	18ax	R1	52	1.0	0.192	10.6	LOS B	0.6	16.2	0.72	0.72	25.9
	Approach		89	1.0	0.192	10.6	LOS B	0.6	16.2	0.72	0.72	26.2
SB	North: Washington Blvd											
	7a	L1	354	1.0	0.559	9.0	LOS A	4.3	108.6	0.36	0.18	32.0
	4	T1	1006	1.0	0.559	9.0	LOS A	4.3	108.6	0.36	0.18	32.8
	14	R2	94	1.0	0.559	9.0	LOS A	4.3	108.6	0.36	0.18	32.2
	Approach		1454	1.0	0.559	9.0	LOS A	4.3	108.6	0.36	0.18	32.6
EB	West: All American City Blvd											
	5	L2	63	1.0	0.159	10.8	LOS B	0.5	13.1	0.73	0.73	25.7
	12a	R1	5	1.0	0.159	10.8	LOS B	0.5	13.1	0.73	0.73	25.1
	12	R2	42	1.0	0.114	11.6	LOS B	0.4	9.2	0.75	0.75	25.5
	Approach		109	1.0	0.159	11.1	LOS B	0.5	13.1	0.74	0.74	25.6
	All Vehicles		2892	1.0	0.652	11.2	LOS B	5.4	134.9	0.56	0.49	31.3

Site Level of Service (LOS) Method: Delay & v/c (HCM 2010). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 2010).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

MOVEMENT SUMMARY

Site: 1 [RAB Cumulative PM]

Roundabout with 1 & 2-lane approaches and circulating road
MUTCD (FHWA 2009) example number: 3C-4
Roundabout Guide (TRB 2010) example number: A-3
Roundabout

Movement Performance - Vehicles

	Mov ID	OD Mov	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	95% Back of Queue Distance ft	Prop. Queued	Effective Stop Rate per veh	Average Speed mph
NB	South: Washington Blvd											
	3	L2	36	1.0	0.956	42.0	LOS E	20.2	509.6	1.00	1.53	22.5
	8	T1	1646	1.0	0.956	42.0	LOS E	20.2	509.6	1.00	1.53	22.4
	18b	R3	10	1.0	0.956	42.0	LOS E	20.2	509.6	1.00	1.53	21.8
	Approach		1693	1.0	0.956	42.0	LOS E	20.2	509.6	1.00	1.53	22.4
WB	SouthEast: Lincoln St											
	3bx	L3	22	1.0	0.227	16.1	LOS C	0.7	18.2	0.82	0.83	25.2
	3ax	L1	5	1.0	0.227	16.1	LOS C	0.7	18.2	0.82	0.83	24.6
	18ax	R1	43	1.0	0.227	16.1	LOS C	0.7	18.2	0.82	0.83	24.4
	Approach		71	1.0	0.227	16.1	LOS C	0.7	18.2	0.82	0.83	24.7
SB	North: Washington Blvd											
	7a	L1	391	1.0	0.691	12.1	LOS B	7.3	183.3	0.43	0.21	30.8
	4	T1	1377	1.0	0.691	12.1	LOS B	7.3	183.3	0.43	0.21	31.5
	14	R2	54	1.0	0.691	12.1	LOS B	7.3	183.3	0.43	0.21	30.9
	Approach		1823	1.0	0.691	12.1	LOS B	7.3	183.3	0.43	0.21	31.3
EB	West: All American City Blvd											
	5	L2	76	1.0	0.360	20.2	LOS C	1.2	31.4	0.85	0.91	23.5
	12a	R1	33	1.0	0.360	20.2	LOS C	1.2	31.4	0.85	0.91	23.0
	12	R2	33	1.0	0.129	16.9	LOS C	0.4	9.9	0.83	0.83	24.0
	Approach		141	1.0	0.360	19.5	LOS C	1.2	31.4	0.85	0.89	23.5
	All Vehicles		3727	1.0	0.956	26.0	LOS D	20.2	509.6	0.71	0.85	26.2

Site Level of Service (LOS) Method: Delay & v/c (HCM 2010). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Sign Control.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 2010).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

SIDRA INTERSECTION 7.0 | Copyright © 2000-2017 Akcelik and Associates Pty Ltd | sidrasolutions.com

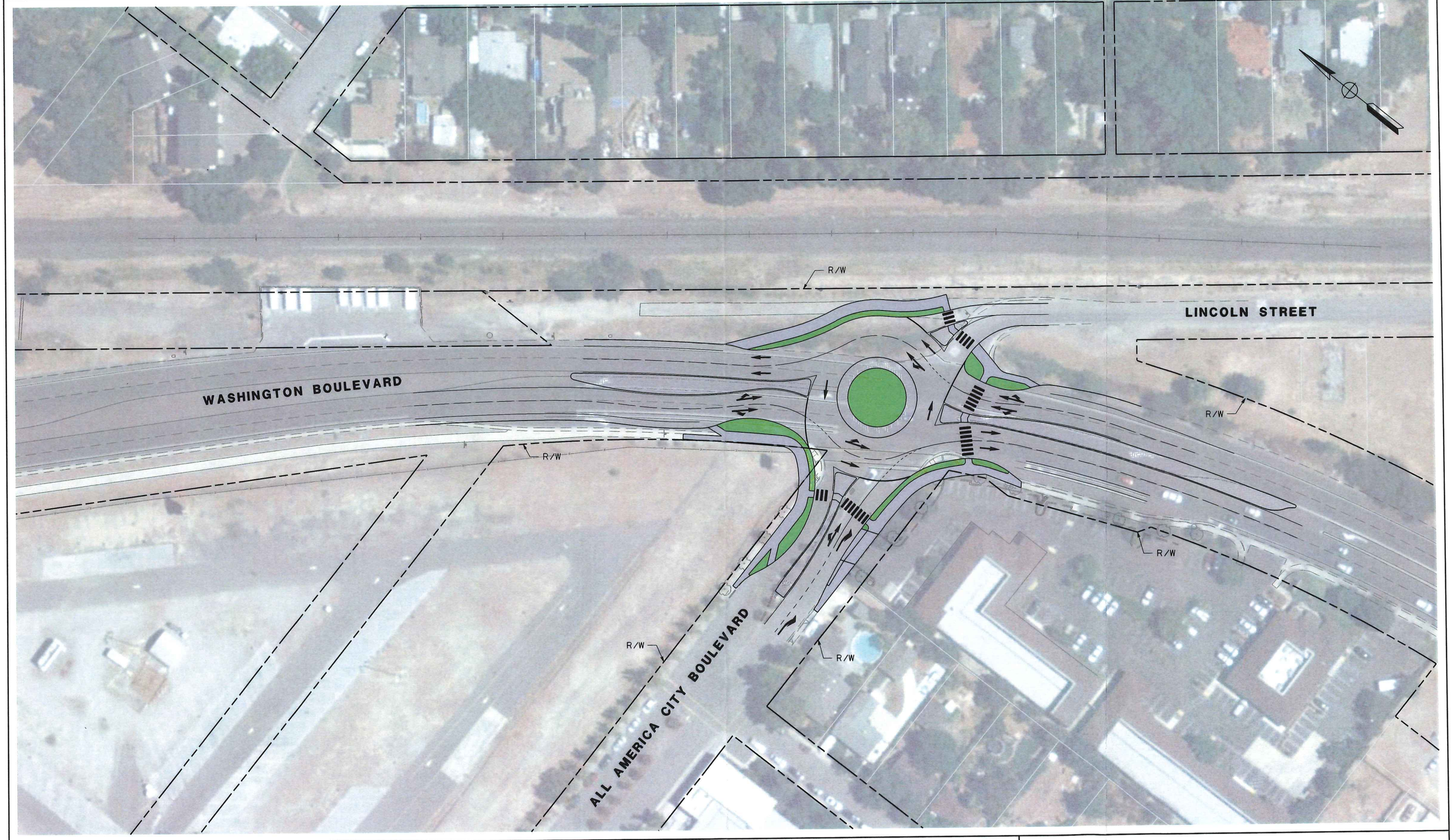
	Peak Hour Emissions (kg/h)			
	Roundabout		Signal	
	ROG	NOx	ROG	NOx
Existing AM	0.036	0.309	0.04	0.324
Existing PM	0.049	0.418	0.054	0.434

	Daily Emissions (kg/day)			
	Roundabout		Signal	
	ROG	NOx	ROG	NOx
Existing	0.425	3.635	0.47	3.79

Results produced using SIDRA Intersection 7.0 Software

Notes:

1. Roundabout travel distance is slightly greater than signal due to less direct routing.
2. Daily values estimated assuming AM and PM values are 20% of daily (typical for traffic conditions).



DATE: August, 2017

0 20 40
SCALE: 1"=40'

WASHINGTON BOULEVARD & ALL AMERICA CITY BOULEVARD ROUNDABOUT

GEOMETRIC LAYOUT - ALTERNATIVE 1

MARK THOMAS

Appendix F

Noise Memorandum

MEMORANDUM

From: Kimley-Horn and Associates

To: City of Roseville

Date: June 22, 2020

Re: **Noise Memo for Washington Boulevard at All America City Boulevard (WAAC) Roundabout Project.**

Purpose and Background

At the request of the City of Roseville, this memorandum provides a discussion on the potential for noise to be generated during construction and operation of the Lincoln Street, Washington Boulevard, All America City Boulevard (WAAC) Roundabout (proposed project).

Explanation of Noise and Sound and Vibration

Noise is defined as loud, unexpected, or annoying sound. The fundamental acoustics model consists of a noise source, receptor, and the propagation path between the two. The loudness of the noise source, obstructions, or atmospheric factors affecting the propagation path, determine the perceived sound level and noise characteristics at the receptor. Acoustics deal primarily with the propagation and control of sound. A typical noise environment consists of ambient noise that is the sum of many distant and indistinguishable noise sources. Superimposed on this ambient noise is the sound from individual local sources. These sources can vary from an occasional aircraft or train passing by to continuous noise from traffic on a major highway. Perceptions of sound and noise are highly subjective from person to person.

Within the City, there are many different sources of noise. In proximity to the proposed project mobile sources of noise, especially cars and trucks are the most common and contribute the most to the existing noise environment. Other noise sources include the various land uses (i.e. residential, commercial, institutional, and recreational and parks activities) that are located throughout the City. These noise sources are considered stationary-source noise. In relation to the proposed project, the largest noise generation would be from the traffic on Washington Boulevard and All America City Boulevard.

Measuring sound directly in terms of pressure would require a large range of numbers. To avoid this, the decibel (dB) scale was devised. The dB scale uses the hearing threshold of 20 micropascals (µPa) as a point of reference, defined as 0 (zero) 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 dB scale allows a million-fold increase in pressure to be expressed as 120 dB, and changes in levels correspond closely to human perception of relative loudness.

Noise can be received differently by different people and based on the sensitivity of the person and the uses. This is referred to as a Sensitive Receptor. Residences, hospitals, schools, guest lodging, libraries, and churches are treated as the most sensitive to noise intrusion and therefore have more stringent noise exposure targets than do other uses, such as manufacturing or agricultural uses that are not subject to

impacts such as sleep disturbance. Noise exposure standards and guidelines for various types of land uses reflect the varying noise sensitivities associated with each of these uses. *Table 1 – Sensitive Receptors* lists the distances and locations of these persons and locations and their proximity to the proposed project.

Table -1: Sensitive Receptors

Receptor Description	Distance and Direction from the Project Site
Single-family residential	20 feet south
Woodbridge Elementary School	60 feet southwest
Single-family residential	130 feet east
Sierra View Golf Course	800 feet northeast
Veritas Church	200 feet southwest
Unity of Roseville Church	0.25 miles north
Roseville Community Preschool	0.25 northwest

To evaluate potential impacts of noise, the dB scale alone does not adequately characterize how humans perceive noise. The dominant frequencies of a sound have a substantial effect on the human response to that sound. Several rating scales have been developed to analyze the adverse effect of community noise on people. Because environmental noise fluctuates over time, these scales consider that the effect of noise on people is largely dependent on the total acoustical energy content of the noise, as well as the time of day when the noise occurs. The equivalent noise level (L_{eq}) is the average noise level averaged over the measurement period, while the day-night noise level (L_{dn}) and Community Equivalent Noise Level (CNEL) are measures of energy average during a 24-hour period, with dB weighted sound levels from 7:00 p.m. to 7:00 a.m. Most commonly, environmental sounds are described in terms of L_{eq} that has the same acoustical energy as the summation of all the time-varying events.

Construction Noise

Construction noise occurs during the construction phases of a project. Although construction occurs throughout the day, the loudest periods of noise typically occur intermittently and vary depending on the nature or phase of construction. The levels of the construction noise generated will be different based on if land clearing, grading, excavation, paving, jackhammering, or building, etc., are being done. Noise generated by construction equipment, including earth movers, material handlers, and portable generators, can reach high levels. Typical operating cycles for these types of construction equipment may involve 1 or 2 minutes of full power operation followed by 3 to 4 minutes at lower power settings. Other primary sources of acoustical disturbance would be random incidents, which would last less than one minute (such as dropping large pieces of equipment or the hydraulic movement of machinery lifts). Typical noise levels associated with individual construction equipment are listed in *Table-2, Typical Construction Noise Levels*.

Table 4-2: Typical Construction Noise Levels

Equipment	Typical Noise Level (dBA) at 50 feet from Source	Typical Noise Level (dBA) at 20 feet from Source[1]	Typical Noise Level (dBA) at 60 feet from Source[1]
Air Compressor	80	88	78
Backhoe	80	88	78

Compactor	82	90	80
Concrete Mixer	85	93	83
Concrete Pump	82	90	80
Concrete Vibrator	76	84	74
Dozer	85	93	83
Generator	82	90	80
Grader	85	93	83
Impact Wrench	85	93	83
Jack Hammer	88	96	86
Loader	80	88	78
Paver	85	93	83
Pneumatic Tool	85	93	83
Pump	77	85	75
Roller	85	93	83
Saw	76	84	74
Scraper	85	93	83
Shovel	82	90	80
Truck	84	92	82

Note:
1. Calculated using the inverse square law formula for sound attenuation: $dBA_2 = dBA_1+20Log(d_1/d_2)$
   Where: dBA_2 = estimated noise level at receptor; dBA_1 = reference noise level; d_1 = reference distance; d_2 = receptor location distance

Source: Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, 2018.

Equipment that would be anticipated to be used as part of the proposed project would be needed for removal of existing pavement/hardscape, and landscaping, site preparation, grading, paving, and installation of new pavement, concrete, landscaping, decorative elements, and lighting, some coatings may be applied to materials to enhance longevity. These activities would require graders, scrapers, and tractors during site preparation; graders, dozers, and tractors during grading; pavers, rollers, mixers, tractors, and paving equipment during paving; and air compressors during to apply coating materials.

Construction Vibration

Groundborne vibration generated by construction equipment spreads through the ground and diminishes in magnitude with increases in distance. Temporary groundborne vibration, depending on the equipment used and operations involved, can be felt both on the site and at off-site locations. Standard vibration velocities for construction equipment are typically calculated using the FTA has published standard vibration velocities for construction equipment operations. For demolition and construction, groundborne vibrations greater than 0.5 in/sec peak particle velocity (PPV) are considered potentially significant based on the FTA *Transit Noise and Vibration Impact Assessment Manual* (September 2018) construction vibration criterion for conventional structures. Human annoyance occurs when construction vibration rises significantly above the threshold of human perception for extended periods of time. Building damage can be cosmetic or structural.

Table 4-3, Typical Construction Equipment Vibration Levels, lists vibration levels at 20 and 60 feet for typical construction equipment. Vibration velocities from typical heavy construction equipment operations that would be used during project construction range from 0.004 to 0.294 in/sec PPV at 20 feet from the source of activity.

Table 4-3: Typical Construction Equipment Vibration Levels

Equipment	Peak Particle Velocity at 25 Feet (in/sec)	Peak Particle Velocity at 20 Feet (in/sec)	Peak Particle Velocity at 60 Feet (in/sec)[1]
Large Bulldozer	0.089	0.124	0.024
Loaded Trucks	0.076	0.106	0.020
Rock Breaker	0.059	0.083	0.016
Jackhammer	0.035	0.049	0.009
Small Bulldozer/ Tractors	0.003	0.004	0.001
Vibratory Roller	0.210	0.294	0.057

Notes:

1. Calculated using the following formula: $PPV_{equip} = PPV_{ref} \times (25/D)^{1.5}$, where: PPV_{equip} = the peak particle velocity in in/sec of the equipment adjusted for the distance; PPV_{ref} = the reference vibration level in in/sec from Table 7-4 of the Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual,* 2018; D = the distance from the equipment to the receiver.

Source: Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, 2018.

Discussion of Potential Impacts

Noise

During construction, exterior noise levels could affect the residential neighborhoods surrounding the construction site. Project construction would occur within approximately 80 feet of existing single-family residences to the east, commercial uses adjacent to the west, an elementary schools approximately 300 feet to the east. In addition, exterior noise levels resulting from the operation of construction could impact the existing sensitive receptors in the vicinity. Sensitive uses near the project include existing adjacent residential uses to the east and the commercial uses, which are as close as 20 feet from potential construction site noise sources. The noise sources would be temporary and would be limited to daytime hours. Construction noise would be acoustically dispersed throughout the approximate 1,000-foot length of the project site and would not be concentrated in one area near surrounding sensitive uses.

Operational noise from the proposed project would primarily occur from vehicle operations on Washington Boulevard. Washington Boulevard has heavy congestion and does not provide multimodal access for pedestrians, cyclists, and vehicles. Project improvements, including the roundabout and multimodal safety and to better accommodate pedestrian and bicycle traffic would alleviate the current congestion and improve traffic flow. The roundabout would feature traffic calming entry and exist lanes with engineered approach and exits to the associated roadways. The proposed project would not expand any roadways or increase capacity resulting in additional trips thus increasing traffic noise.

The proposed project does not include any long-term stationary source noise impacts would not occur because the project would continue to operate at current noise levels and not cause an exceedance of an established noise standard. No stationary equipment or other aboveground facilities are proposed as part of the project.

Vibration

The highest vibration levels during construction activities would occur during demolition, grading, and paving. The vibratory rollers are expected to be used primarily during the paving phase. Construction

equipment vibration velocities would not exceed the FTA's 0.50 PPV threshold for the nearest sensitive receptors located approximately 20 feet from the construction area. In general, other construction activities would occur throughout the project site and would not be concentrated at the point closest to the nearest residential uses.

Ordinary buildings that are not particularly fragile would not experience cosmetic damage (e.g. plaster cracks) at distances beyond 30 feet. This distance can vary substantially depending on soil composition and underground geological layer between vibration source and receiver. In addition, not all buildings respond similarly to vibration generated by construction equipment. For example, for a building that is constructed with reinforced concrete with no plaster, the FTA guidelines show that a vibration level of up to 0.50 in/sec is considered safe and would not result in any construction vibration damage.

The nearest sensitive receptors are the single-family residences approximately 20 feet from the active construction zone. The highest vibration velocity for the elementary school located approximately 60 feet from the western terminus of the project site on All America City Boulevard is 0.057 in/sec PPV.

Mitigation

As discussed above, the proposed project would generate noise as part of the demolition and construction phase. The highest anticipated construction noise level of 96 dBA at 20 feet is expected to occur during the demolition phase. This maximum noise level would occur when equipment is operating under full power conditions (i.e., the equipment engine at maximum speed). Construction equipment would be equipped with properly operating and maintained mufflers and other state required noise attenuation devices, helping to reduce noise at the source. In addition, it is recommended that the proposed project include mitigation to ensure noise impacts are further reduced. The following mitigation attenuate construction site noise levels.

<u>Recommended Mitigation</u>

Prior to issuance of a Grading Permit, the City shall demonstrate, to the satisfaction of the Director of Public Works or City Engineer that the project complies with the following:

1) Construction contracts specify that all construction equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers and other state required noise attenuation devices.

2) Property owners and occupants located within 200 feet of the proposed project boundary shall be sent a notice, at least 15 days prior to commencement of construction of each phase, regarding the construction schedule of the proposed project. A sign, legible at 50 feet shall also be posted at the project construction site. All notices and signs shall be reviewed and approved by the City of Roseville Development Services Department, prior to mailing or posting and shall indicate the dates and duration of construction activities, as well as provide a contact name and a telephone number where residents can inquire about the construction process and register complaints.

3) Prior to issuance of any Grading or Building Permit, the Contractor shall provide evidence that a construction staff member will be designated as a Noise Disturbance Coordinator and will be present on-site during construction activities. The Noise Disturbance Coordinator is responsible for

responding to local complaints about construction noise. When a complaint is received, the Noise Disturbance Coordinator shall notify the City within 24-hours of the complaint, determine the cause (e.g. starting too early, bad muffler, etc.), and implement reasonable measures to resolve the complaint as deemed acceptable by the Public Works Department. All notices sent to residential units surrounding the construction site and all signs posted at the construction site shall include the contact name and the telephone number for the Noise Disturbance Coordinator.

4) Prior to issuance of any Grading or Building Permit, the Project Applicant shall demonstrate to the satisfaction of the City Engineer that construction noise reduction methods shall be used where feasible. These reduction methods include shutting off idling equipment, installing temporary acoustic barriers around stationary construction noise sources, maximizing the distance between construction equipment staging areas and occupied residential areas, and electric air compressors and similar power tools.

5) Construction haul routes shall be designed to avoid noise sensitive uses (e.g. residences, convalescent homes, etc.) to the extent feasible.

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

Conclusion

The proposed project involves roadway improvements with the installation of a round-a-bout at the intersection of Lincoln Street, Washington Boulevard, and All America City Boulevard in the City of Roseville. Construction activities would result in increased noise and vibration in the immediate vicinity of the proposed project. Noise and vibration are considered localized phenomenon, and the audible and sensory effects drastically reduce as distance from the source increases. None-the-less, there would be periodic, temporary, noise impacts that would cease upon completion of construction activities. The proposed project's construction activities; however, when properly mitigated, would not result in a substantial temporary increase in ambient noise levels. While the City of Roseville does not have noise level standards, the City recommends construction not occur between 7:00 p.m. and 8:00 a.m. This recommendation also would be followed. The proposed project's construction-related noise impacts would follow local regulations and with the suggested mitigation measures outlined in this memo would not exceed thresholds.

The proposed project would contribute to other proximate construction noise impacts if construction activities were conducted concurrently. Regarding these other projects that could occur in the vicinity at a time that overlaps with the project construction, these projects also would be required to occur during daytime hours to limit exposure of people to unwanted noise and vibration. Additionally, all other projects in the City would be required to evaluate construction noise impacts and implement mitigation to minimize the impacts as needed Each project would be required to comply with the applicable City of Roseville Municipal Code limitations on allowable hours of construction. Therefore, the proposed project would not contribute to cumulatively considerable impacts.