COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone (626) 458-5100
http://dpw.lacounty.gov

MARK PESTRELLA, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE

ADOPTED
BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

14 August 2, 2022

CELIA ZAVALA
EXECUTIVE OFFICER

August 02, 2022

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Supervisors:

CONSTRUCTION-RELATED CONTRACT
CONSTRUCTION MANAGEMENT CORE SERVICE AREA
SAN GABRIEL VALLEY AQUATIC CENTER PROJECT
APPROVE PROJECT BUDGET AND APPROPRIATION ADJUSTMENT
APPROVE STIPENDS FOR DESIGN-BUILD
AWARD DESIGN-BUILD CONTRACT
CAPITAL PROJECT NO. 69909
(FISCAL YEAR 2022-23)
(SUPERVISORIAL DISTRICT 1)
(4 VOTES)

SUBJECT

Public Works is seeking Board approval of the proposed San Gabriel Valley Aquatic Center Project, budget, and stipends for shortlisted design build proposers participating in the selection process; authorization to execute the design-build contract with Balfour Beatty Construction, LLC, for the completion of the San Gabriel Valley Aquatic Center Project; and for the project to be added as a covered project to the County's current Community Workforce Agreement.

IT IS RECOMMENDED THAT THE BOARD:

1. Consider the Mitigated Negative Declaration for the San Gabriel Valley Aquatic Center Project, together with comments received during the public review period; find that the Mitigated Negative Declaration reflects the independent analysis of the Board; adopt the Mitigated Monitoring and Reporting Program; find the Mitigated Monitoring and Reporting Program is adequately designed to ensure compliance with the mitigation measures during project implementation; find on the basis of the whole record before the Board that there is no substantial evidence that the project may have a significant effect on the environment; and adopt the Mitigated Negative Declaration.

2. Approve the San Gabriel Valley Aquatic Center Project, Capital Project No. 69909, with a total project budget of $34,960,000.

3. Approve an appropriation adjustment to reflect an increase of $14,210,000 in appropriation for the San Gabriel Valley Aquatic Center Project, Capital Project No. 69909, funded with the following sources: $8,500,000 from the State of California Department of Parks and Recreation under the Statewide Park Development and Community Revitalization Program; $2,000,000 from the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy under the Regionwide Grant Program; and a transfer of $3,710,000 transfer of prior year net County cost from Department of Public Social Services Cudahy Assistance Payments District Office Demolition, Capital Project No. 87803, to fully fund the project.

4. Find that Balfour Beatty Construction, LLC, is the responsive and responsible proposer that submitted the best value and most advantageous proposal to the County for design and construction of the project using the design-build project delivery method, based on best value criteria stated in the Request for Proposals, including qualifications, technical design, construction expertise, proposed delivery plan, price, workforce commitment, design excellence, acceptable safety record, and lifecycle cost.

5. Award a design-build agreement to Balfour Beatty Construction, LLC, in substantially the same form as was included in the Request for Proposals, which was approved by County Counsel.

6. Authorize the Director of Public Works or his designee to execute the design-build agreement with Balfour Beatty Construction, LLC, for a contract sum of $26,724,610 and a maximum contract sum of $27,965,610 (inclusive of a design completion allowance of $1,241,000), subject to receipt by the County of acceptable Faithful Performance and Payment for Labor and Materials Bonds and evidence of required contract insurance filed by the design-build entity; to establish the effective date of the contract upon receipt of acceptable performance, payment bonds, and evidence of required insurance; and to take all actions necessary and appropriate to fully deliver the project.

7. Pursuant to the County's design-build policy, authorize the Director of Public Works or his designee to execute consultant services agreements with Kemp Bros. Construction, Inc., and Blach Construction Company to pay a stipend in the amount of $50,000 to these second and third ranked qualifying proposers that were not selected as the best value design-builder.

8. Authorize the Director of Public Works or his designee to exercise control of the design completion allowance with concurrence from the Chief Executive Office, including the authority to reallocate the allowances into the contract sum, as appropriate, to resolve cost issues with Balfour Beatty Construction, LLC, that are identified during the design phase of the project, such as changes resulting from unforeseen conditions, including construction-related impacts.

9. Authorize the Chief Executive Officer and the Director of Public Works or their designee, in consultation with County Counsel, to apply the current Community Workforce Agreement to this project, adding this project as a covered project pursuant to that agreement.

10. Authorize the Chief Executive Officer or her designee to send a letter to the Executive Secretary of the Trades Council to inform him that the proposed project will be added into the Community Workforce Agreement, and to execute any ancillary documentation as needed to satisfy these directives.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

Approval of the recommended actions will adopt the Initial Study/Mitigated Negative Declaration (IS/MND) and Mitigation Monitoring and Reporting Program for the San Gabriel Valley Aquatic Center Project; approve the San Gabriel Valley Aquatic Center Project, Capital Project (CP) No. 69909; allocate funds to the project; authorize Public Works to execute a design-build contract with Balfour Beatty Construction, LLC, for completion of the project and exercise control of the design completion allowance; execute consultant services agreements to pay stipends to the second and third ranked qualifying proposers that were not selected; and authorize the project be added as a covered project to the County's current Community Workforce Agreement (CWA).

Project Description and Background

The proposed San Gabriel Valley Aquatic Center Project will be located at 635 North California Avenue, La Puente, which is currently operated by the Hacienda La Puente Unified School District. The project will primarily include a one-story aquatic center building (approximately 7,500 square feet) containing offices and a classroom, a one-story mechanical building (approximately 3,000 square feet), an Olympic-size 50-meter by 25 yard competitive swimming pool, a 25-meter by 25-yard practice pool, a parking lot (approximately 55 parking spaces), pedestrian access from Allen J. Martin Park, and related park improvements to encourage passive recreation, physical activity, and programming.

On December 10, 2019, the Board approved a motion to establish and approve the San Gabriel Valley Aquatic Center Project, appropriated $750,000 of Proposition A Excess Funds, and authorized the Director of the Department of Parks and Recreation (DPR) to use Board-approved as-needed design and engineering consultants for the purposes of project planning and feasibility to proceed with the preparation of California Environmental Quality Act documents and technical studies.

On August 4, 2020, the Board approved a motion to increase the project budget from the previously approved budget of $750,000 to a total of $20,750,000. The budget increase consisted of $14,000,000 Proposition A Excess Funds available to the First Supervisorial District pursuant to the Los Angeles County Safe Neighborhood Parks Proposition of 1996 and $6,000,000 of Tipping Fees available for the First Supervisorial District.

On September 20, 2021, DPR was awarded $2,000,000 by the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy under the Proposition 68 Regionwide Grant Program for the project. On December 8, 2021, DPR was awarded $8,500,000 from the State of California DPR under the Proposition 68 Statewide Park Development and Community Revitalization Program (State-Prop 68) for the project.

Furthermore, the Board authorized DPR to negotiate a lease agreement with the Hacienda-La Puente Unified School District to be presented to the Board again for approval and to negotiate and execute ancillary and supporting agreements necessary for the permitting, planning, and financing of the project approved as to form by County Counsel. On June 14, 2022, the Board approved the recommendations for DPR to enter into a 40-year ground lease with the Hacienda-La Puente Unified School District for the operation and maintenance of the project.

Project Delivery

The project construction would utilize the design-build contracting method. Public Works has completed solicitation of proposals for the San Gabriel Valley Aquatic Center Project pursuant to the County's design-build policy and recommends award of the design-build contract to Balfour Beatty Construction, LLC, as the responsive and responsible proposer that submitted the best value and most advantageous proposal to the County for design and construction of the project based on best value criteria stated in the Request for Proposals (RFP), including qualifications, technical design, construction expertise, proposed delivery plan, price, workforce commitment, design excellence, acceptable safety record, and lifecycle cost.

Youth Employment Plan

In 2009, the Board, acting as the governing body of the Los Angeles County Regional Park Open Space District, adopted a procedural guide for projects funded by Proposition A. Los Angeles County's Regional Park Open Space District policy requires that the grantee's governing body adopts a Youth Employment Plan for each Proposition A funded project at a duly noticed public meeting. On May 10, 2019, the Board approved a motion determining that under the provisions of the Los Angeles County Regional Park Open Space District's policy on employment of youth, the Youth Employment Minimum Obligation of $15,739,750 for the County has been met. However, DPR actively pursues employment opportunities for at-risk youth on all projects where feasible.

Green Building/Sustainable Design Program

The San Gabriel Valley Aquatic Center Project will support the Board's Green Building/Sustainable Design Program by obtaining a United States Green Building Council Leadership in Energy and Environmental Design Gold Certification or higher. The project will incorporate design and construction of sustainable features to optimize energy and water use, enhance the sustainability of the site, improve indoor environmental quality, and maximize the use and reuse of sustainable and local resources while considering long-term maintenance.

Implementation of Strategic Plan Goals

These recommendations support the County Strategic Plan: Strategy II.1, Drive Economic and Workforce Development in the County, Objective II.1.2, Support Small Businesses and Social Enterprises; and Strategy II.2, Support the Wellness of our Communities, Objective II.2.2, Expand Access to Recreational and Cultural Opportunities. The project supports these goals by providing a new facility that will greatly benefit an underserved population and meet the urgent need for aquatic programs in the community. The project would provide contracting opportunities that will support small businesses and social enterprises and could potentially employ local and targeted workers.

FISCAL IMPACT/FINANCING

The total project budget is currently $34,960,000 (see Enclosure A), which includes predesign, design, plan check, consultant services, Civic Art, construction, design completion allowance, youth employment, and County services.

Approval of the recommended appropriation adjustment (see Enclosure B) will increase the appropriation of the San Gabriel Valley Aquatic Center Project, CP No. 69909, by $14,210,000

funded with the following sources: revenue offset of $10,500,000 in Proposition 68 funding, of which $8,500,000 is from the State of California DPR under the Statewide Park Development and Community Revitalization Program and $2,000,000 from the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy under the Regionwide Grant Program; and a transfer of $3,710,000 of prior year net County cost from the Department of Public Social Services Cudahy Assistance Payments District Office Demolition, CP No. 87803, to fully fund project.

Upon approval of the recommended actions, sufficient appropriation will be available in the Fiscal Year 2022-2023 CP/Refurbishment Budget under CP No. 69909, to proceed with the project. The project funding consists of $14,750,000 in Proposition A Excess Funds available to the First Supervisorial District pursuant to the Los Angeles County Safe Neighborhood Parks Proposition of 1996; $6,000,000 in Tipping Fees available in the First Supervisorial District's contracted program services funds, comprised of $5,000,000 from Department of Regional Planning's Avocado Heights Benefit Trust (S3T) and $1,000,000 from the Puente Landfill Benefit Trust (SC9); $10,500,000 in Proposition 68 funding, of which $8,500,000 is funded by State of California DPR under State-Prop 68 and $2,000,000 funded the by San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy under Regionwide Grant program (RMC-Prop 68); and $3,710,000 of prior year net County cost from Department of Public Social Services Cudahy Assistance Payments District Office Demolition, CP No. 87803, for a total project budget of $34,960,000.

Operating Budget Impact

Based on the project description, DPR anticipates one-time cost of $1,506,000 and ongoing cost of $2,684,000 for operations, recreation and maintenance staff, utilities, and grounds maintenance supplies following the project completion. DPR will submit to the Chief Executive Office (CEO) a funding request through the budget process. DPR will work on the funding request with CEO in order to allow DPR to operate, program, and maintain the new facility.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

The design-build contract with Balfour Beatty Construction, LLC, contains terms and conditions in compliance with the County's requirements including, but not limited to: Community Workforce Agreement by and among the Los Angeles County, the Los Angeles/Orange Counties Building, Construction Trades Council, the Signatory Craft Councils, and Local Unions.

The project site is on the property of the Hacienda-La Puente Unified School District.
On June 15, 2022, DPR received authority from the Board to execute a 40-year ground lease, which may be extended by the County an additional 39 year term. The lease specifies site area, parking requirements, and allows for construction to be implemented in a timely manner.

In accordance with Board Policy 5.270, Countywide Local and Targeted Worker Hiring, the project will require that at least 30 percent of the California construction labor hours to be performed by qualified Local Residents and at least 10 percent be performed by Targeted Workers facing employment barriers. The project will also include a jobs coordinator who will facilitate implementation of the targeted hiring requirement of the policy.

Pursuant to Amendment 1 to the CWA dated October 13, 2020, between the County and the Los Angeles and Orange Counties Building Trades Association, the Board may add any project to the list of projects covered by the CWA upon directing the CEO to provide 30 days written notice to the Executive Secretary of the Trades that the Board has opted to add the project to the CWA.

In accordance with the Board's Civic Art Policy, adopted on December 7, 2004, and last amended on August 4, 2020, the project budget includes 1 percent of eligible design and construction costs in the amount of $271,000 to be allocated to the Civic Art Fund.

ENVIRONMENTAL DOCUMENTATION

An Initial Study was prepared for this project in compliance with California Environmental Quality Act. The Initial Study identified the following potentially significant effects of the project: Biological Resources, Cultural and Tribal Cultural Resources (TCR), and Transportation and Traffic: Hazards and Noise. Prior to the release of the proposed IS/MND for public review, revisions in the project were made or agreed to that would avoid or mitigate the effects to a point where no significant effects would occur, as follows:

Biological Resources: If construction occurs during the bird breeding season (February 1 through August 31) prior to construction activities (i.e., mobilization, staging, and grading), a qualified avian biologist will conduct preconstruction surveys for nesting and breeding birds in all ornamental landscaping and trees.

Cultural and TCR: Mitigation includes retaining a Native American Monitor prior to commencement of ground-disturbing activities and procedures related to the discovery of TCR, human remains, and/or funerary objects.

Transportation and Traffic: For event days, the County will implement an event traffic plan. In addition, the Mitigated Negative Declaration recommends the following measures to be conservative and ensure compliance with regulations:

Hazards: A vapor intrusion barrier, designed by an architect/engineering team familiar with vapor barrier designs and installations, shall be installed beneath on-site project buildings. Follow up testing to be undertaken to verify the barrier is functioning as recommended by the design team.

Noise: The project will implement Best Management Practices to reduce construction noise and comply with applicable regulations.

There is no substantial evidence, in light of the whole record before the County, that the project as revised may have a significant effect on the environment, based on the IS/MND prepared for the project (see Enclosure C). Additionally, a Mitigation Monitoring and Reporting Program has been prepared to ensure that measures are implemented, and all impacts would be less than significant.

Public notice was published in the San Gabriel Tribune pursuant to the California Public Resources Code Section 21092 and posted pursuant to Section 21092.3. No comments were received. Notice to commenting public agencies was completed pursuant to Section 21092.5.

In addition, all TCR consultation requirements of California Environmental Quality Act have been met and documented. The Kizh Nation tribe requested consultation, and the consultation was completed through agreement. The tribe provided their (standard) recommended mitigation measures to address the potential for finding TCR; the County suggested revisions to these measures that were then included in the Mitigated Negative Declaration. No further comments were received from the Kizh Nation Tribe.

The location of the documents and other materials constituting the record of the proceedings upon which the Board's decision is based in this matter can be viewed in person at Public Works, 900 South Fremont Avenue, 5th Floor, Alhambra, CA 91803. The custodian of such documents and materials is Project Management Division II.

The project is not exempt from payment of a fee to the California Department of Fish and Wildlife pursuant to Section 711.4 of the Fish and Game Code to defray the costs of fish and wildlife protection and management incurred by the California Department of Fish and Wildlife.

Upon the Board's adoption of the IS/MND, Public Works will file a Notice of Determination in accordance with Section 21152 of the California Public Resources Code, post the notice to its website in accordance with Section 21092.2, and pay the required fees to the County Clerk.

CONTRACTING PROCESS

The project will be completed using the design-build project delivery method. To this effect, on August 4, 2020, the Board authorized Public Works to use NAC Architecture to prepare the design-build scoping documents.

On August 25, 2021, Public Works issued an RFP for design-build services and advertised this contracting opportunity on the County's "Doing Business with Us" and "Do Business with Public Works" websites; on La Opinion, LA Sentinel, Pasadena Star News, Press Telegram, San Gabriel Valley Tribune, Santa Monica Daily Press, Daily Breeze, The Signal, Chinese Daily News, and Daily Journal. Also, Public Works informed 1,623 local small business enterprises; 188 disabled veterans business enterprises; and 189 social enterprises about this business opportunity.

The first phase of the RFP process was the submittal of a prequalification questionnaire (Part A) by all interested design-build firms. On October 13, 2021, nine prequalification questionnaires were received for evaluation. One firm was disqualified for not providing the required Experience Modification Rate.

The prequalification questionnaires were reviewed by an evaluation committee made up of members from CEO, DPR, and Public Works. The evaluation was made based on responses to questions concerning evidence of the design-builder's experience and capacity to perform projects of similar size and complexity, licenses, registration, credentials, violations of State and Federal labor codes and safety regulations, debarment, default, bankruptcy, lawsuits on Public Works projects, and other relevant criteria. Each of the five firms provided an enforceable commitment that it and its subcontractors at every tier will use County's Community Workforce Agreement.

Based on the review and evaluation of the prequalification questionnaires, eight firms were determined to be prequalified. In accordance with the shortlisting requirements in the RFP, three firms were shortlisted and invited to submit technical and cost proposals (Part B) for the project. On March 2, 2022, the three shortlisted design-build firms submitted technical and cost proposals for evaluation. The technical and cost proposals were evaluated by the evaluation committee based on technical design and construction expertise, proposed delivery plans, price, life cycle costs, workforce commitment, local and targeted worker hiring program, design excellence, and design-build team personnel and organization. In its design-build proposal, Balfour Beatty Construction, LLC, was found to have submitted the best value and most advantageous proposal to perform these services under the design-build delivery method in accordance with the evaluation

criteria stated in the RFP. These evaluations were completed without regard to race, creed, color, or gender. Selected firm's Community Business Enterprises participation data and three-year contracting history are on file with Public Works.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

There will be no impact on current County services or projects during the performance of the recommended actions.

CONCLUSION

Please return one adopted copy of this Board letter to Public Works, Project Management Division II.

Respectfully submitted,

MARK PESTRELLA, PE
Director

MP:SK:mm

Enclosures

c: Department of Arts and Culture (Civic Art Division)
Auditor-Controller
Chief Executive Office (Capital Programs Division)
County Counsel
Executive Office
Internal Services Department
Department of Parks and Recreation
Probation Department
Department of Public Social Services (GAIN/GROW Program)

ENCLOSURE A
August 2, 2022

CONSTRUCTION-RELATED CONTRACT
CONSTRUCTION MANAGEMENT CORE SERVICE AREA
SAN GABRIEL VALLEY AQUATIC CENTER PROJECT
APPROVE PROJECT BUDGET AND APPROPRIATION ADJUSTMENT
APPROVE STIPENDS FOR DESIGN-BUILD
AWARD DESIGN-BUILD CONTRACT
CAPITAL PROJECT NO. 69909
(FISCAL YEAR 2022-23)
(SUPERVISORIAL DISTRICT 1)
(4 VOTES)

I. PROJECT SCHEDULE

Project Activity	Completion Date
Design-Build Request for Proposal	August 2021*
Board Action to Approve Ground Lease	June 2022*
Board Action to Award Design-Build	August 2022
Substantial Completion	September 2024
Project Acceptance	December 2024

*Indicates a completed activity

II. PROJECT BUDGET

Budget Category	Budget
Construction	
Design-Build Contract	$26,724,610
Civic Arts	$271,000
Change Orders	$2,482,000
Design-Completion Allowance	$1,241,000
Utility Company Connection Fees	$160,000
Subtotal	$30,878,610
Plans and Specifications	$334,000
Consultant Services	$672,339
Miscellaneous Expenditures	$85,000
Jurisdictional Reviews	$542,000
County Services	$2,448,051
Total	**$34,960,000**

PINK

BOARD OF SUPERVISORS
BA FORM 11162021 OFFICIAL COPY

August 02, 2022

COUNTY OF LOS ANGELES

REQUEST FOR APPROPRIATION ADJUSTMENT

DEPARTMENT OF CHIEF EXECUTIVE OFFICER

AUDITOR-CONTROLLER:

THE FOLLOWING APPROPRIATION ADJUSTMENT IS DEEMED NECESSARY BY THIS DEPARTMENT. PLEASE CONFIRM THE ACCOUNTING ENTRIES AND AVAILABLE BALANCES AND FORWARD TO THE CHIEF EXECUTIVE OFFICER FOR HER RECOMMENDATION OR ACTION.

ADJUSTMENT REQUESTED AND REASONS THEREFORE
FY 2022-23
4 - VOTES

SOURCES		USES	
PARKS AND RECREATION		PARKS AND RECREATION	
SAN GABRIEL VALLEY AQUATIC CENTER		**SAN GABRIEL VALLEY AQUATIC CENTER**	
A01-CP-88-8752-65043-69909		A01-CP-6014-65043-69909	
STATE-OTHER / CAPITAL PROJECTS		CAPITAL ASSETS - B & I	
INCREASE REVENUE	**10,500,000**	**INCREASE APPROPRIATION**	**14,210,000**
VARIOUS CAPITAL PROJECTS			
DPSS CUDAHY A/P DISTRICT OFFICE DEMOLITION			
A01-CP-6014-65099-87803			
CAPITAL ASSETS - B & I			
DECREASE APPROPRIATION	**3,710,000**		
SOURCES TOTAL	**$ 14,210,000**	**USES TOTAL**	**$ 14,210,000**

JUSTIFICATION

Reflects an increase of $14.21M in appropriation for the San Gabriel Valley Aquatic Center, C.P. No. 69909 funded as follows: revenue offset of $10.5 M in Prop. 68 of which $8.5M is from the State of California under the Statewide Park Development and Community Revitalization Program and $2.0M is from the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy under the Regionwide Grant Program; and a transfer of $3.71M from C.P. No. 87803, to fully fund the project.

ADOPTED
BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES
14 AUG 2 2022

James Yun Digitally signed by James Yun Date: 2022.07.20 11:00:51 -07'00'

AUTHORIZED SIGNATURE James Yun, Manager CEO

BOARD OF SUPERVISOR'S APPROVAL (AS REQUESTED/REVISED)

CELIA ZAVALA
EXECUTIVE OFFICER

REFERRED TO THE CHIEF EXECUTIVE OFFICER FOR---

☐ ACTION

☑ RECOMMENDATION

AUDITOR-CONTROLLER

BY Lan Sam Digitally signed by Lan Sam Date: 2022.07.20 13:06:13 -07'00'

B.A. NO. 014

DATE 7/20/22

☑ APPROVED AS REQUESTED

☐ APPROVED AS REVISED

CHIEF EXECUTIVE OFFICER

BY Matthew J. Diaz Digitally signed by Matthew J. Diaz Date: 2022.07.20 14:36:51 -07'00'

DATE 7/20/22

ENCLOSURE C
August 2, 2022

Notice of Intent
To Adopt a Mitigated Negative Declaration

In accordance with Section 15072 of the California Environmental Quality Act Guidelines, this notice is to inform agencies and the public that the County of Los Angeles, acting through the Department of Public Works has completed an Initial Study/ Mitigated Negative Declaration (IS/MND) for the following proposed project:

Project Title: San Gabriel Valley Aquatics Center

Project Description: The County of Los Angeles proposes to construct and operate (Department of Parks and Recreation) a publicly accessible aquatics center on 3.1-acre site that currently includes a parking lot and grassy playing field within the overall 9.36-acre campus of the (no longer operational as of June 2021) Temple Academy public elementary school (grades K-6). The project would include two swimming pools (i.e., 55-yard by 25-yard competitive pool, and 27-yard by 25-yard practice pool), an approximately 10,800-square foot pool building, and additional facilities including a parking lot, spectator bleachers, and electronic scoreboard as well as a new one-acre park that would include an exercise area, barbeque area, shade structure, potential pollinator garden, plaza and outdoor amphitheater. The new park would provide access to the adjacent County-owned and operated Allen J. Martin Park. The primary objective of the proposed project is to construct a joint-use aquatics facility available for both student and public use. The community, the County of Los Angeles, and the Hacienda La Puente Unified School District (HLPUSD) maintain a desire for a publicly accessible swimming facility and community park at this location. The swimming pool improvements are designed to meet health and safety regulations related to operation and maintenance of swimming pools.

Project Location: The proposed project would be located on a 3.1-acre site on the Temple Academy School campus (a public-school site owned and operated by the Hacienda-La Puente Unified School District), located at 635 California Avenue, within an unincorporated area of the County of Los Angeles immediately east of the City of La Puente. The site is bordered on the north by single-family homes with Evanswood Avenue beyond, on the east by the Allen J. Martin Park (which includes grassy areas, a playground and splash pad), on the south by the remainder of the Temple Academy School campus with North California Avenue beyond the school, and on the west by East Temple Avenue (the City boundary for the City of La Puente runs down Temple Avenue in this area) and single-family homes located across East Temple Avenue. As discussed in the IS/MND the project site is not a listed hazardous materials site pursuant Government Code §65962.5.

Public Review Period: November 30, 2021 to December 20, 2021

Lead Agency: County of Los Angeles

Contact Person: Tom Afschar, Senior Capital Projects Manager
County of Los Angeles, Department of Public Works (DPW)
900 South Fremont Avenue, 5th Floor
Alhambra, California, 91803
Phone: (626) 300-3201 **Email:** TAfschar@dpw.lacounty.gov

Availability of IS/MND: The MND/IS will be available for public review online at: https://parks.lacounty.gov/san_gabriel_valley_aquatics_center_intent_to_adopt_mitigated_negative_decl/; a physical copy of the document is available for review at: County of Los Angeles, DPW 900 South Fremont, 5th Floor, Alhambra, CA 91803.

Method of Submitting Comments: Written comments to the IS/MND must be submitted to Mr. Tom Afschar (postmarked or e-mailed) at the address or email listed above before 5:00 pm on December 20, 2021.

San Gabriel Valley Aquatics Center

INITIAL STUDY/MITIGATED NEGATIVE DECLARATION

Los Angeles County
Department of Public Works

Sirius Environmental

November 2021

COUNTY OF LOS ANGELES

CALIFORNIA ENVIRONMENTAL QUALITY ACT

MITIGATED NEGATIVE DECLARATION

PROJECT TITLE: San Gabriel Valley Aquatics Center

LOCATION AND BRIEF DESCRIPTION OF PROJECT: The proposed project would be located on a 3.1-acre site on the Temple Academy School campus (a public school site owned and operated by the Hacienda-La-Puente Unified School District), located at 635 California Avenue, within an unincorporated area of the County of Los Angeles immediately east of the City of La Puente. The site is bordered on the north by single-family homes with Evanswood Avenue beyond, on the east by the Allen J. Martin Park (which includes grassy areas, a playground and splash pad), on the south by the Temple Academy School with North California Avenue beyond the school, and on the west by East Temple Avenue (the City boundary for the City of La Puente runs down Temple Avenue in this area) and single-family homes are located across East Temple Avenue. As discussed in the IS/MND the project site is not a listed hazardous materials site pursuant Government Code §65962.5.

The County of Los Angeles proposes to construct and operate a publicly accessible aquatics center on 3.1-acre site that currently includes a parking lot and grassy playing field within the overall 9.36-acre campus of the Temple Academy public elementary school (grades K-6). The project would include two swimming pools (i.e., 55-yard by 25-yard competitive pool, and 27-yard by 25-yard practice pool), an approximately 10,800-square foot pool building, and additional facilities including a parking lot, spectator bleachers, and electronic scoreboard as well as a new one-acre park that would include an exercise area, barbeque area, shade structure, potential pollinator garden, plaza and outdoor amphitheater. See the attached Initial Study for a site plan. The new park would integrate with the adjacent Allen J. Martin Park. The primary objective of the proposed project is to construct a joint-use aquatics facility available for both student and public use. The community, the County of Los Angeles, and the Hacienda La Puente Unified School District (HLPUSD) maintain a desire for a publicly accessible swimming facility and community park at this location. The swimming pool improvements are designed to meet the health and safety regulations related to operation and maintenance of swimming pools.

MITIGATION MEASURES INCLUDED IN THE PROJECT TO AVOID POTENTIALLY SIGNIFICANT EFFECTS: Mitigation measures are identified for the following impact areas to minimize impacts: for Biological Resources (nesting birds), Cultural Resources (unanticipated finds), Hazards (vapor barrier), Noise (construction) Transportation and Traffic (event management) and Tribal Cultural Resources (unanticipated finds); see the attached Initial Study.

FINDING OF NO SIGNIFICANT EFFECT: Based on the attached Initial Study it has been determined that the proposed project will not have a significant effect on the environment.

Any written comments together with responses of the Lead Agency to be attached prior to adoption.

CONTACT:

Tom Afschar, Senior Capital Projects Manager
County of Los Angeles, Department of Public Works
900 South Fremont Avenue, 5th Floor
Alhambra, California, 91803
Phone: (626) 300-3201 **Email:** TAfschar@dpw.lacounty.gov

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Acronyms

§	Section
AB	Assembly Bill
ACM	Asbestos Containing Materials
AQMP	Air Quality Management Plan
AST	above-ground storage tank
BMP	Best Management Practices
CAAQS	California Ambient Air Quality Standards
Cal/ARP	California Accidental Risk Prevention
Cal-EPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
Cal/OSHA	California Occupational Safety and Health Administration
CARB	California Air Resources Board
CBC	California Building Code
CCH	Consortium of California Herbaria
CDFW	California Department of Fish and Wildlife
CDP	Coastal Development Permit
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CGS	California Geological Survey
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CH4	Methane
CO	Carbon Monoxide
CO2	Carbon Dioxide
CO2e	Carbon Dioxide Equivalent
Commission	Los Angeles County Historical Landmarks and Records Commission
County	County of Los Angeles, Department of Public Works
CRHP	California Register of Historical Places
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
Cy	cubic yard(s)
dB	decibel
dBA	A-weighted decibel
DOC	Department of Conservation
DOGGR	Division of Oil, Gas, and Geothermal Resources
DPR	Department of Pesticide Regulation
DTSC	Department of Toxic Substance Control
EFH	Essential Fish Habitat
FEMA	Federal Emergency Management Agency
FMMP	Farmland Monitoring and Mapping Program
G	Gravity
GHG	Greenhouse Gases
GWP	Global Warming Potential
HCP	Habitat Conservation Plan
HSWA	Hazardous and Solid Waste Act

HVAC	Heating Ventilation and Air Conditioning
HWCL	California Hazardous Waste Control Law
I-XX	Interstate-XX
IPCC	Intergovernmental Panel on Climate Change
IWMB	Integrated Waste Management Board
LACDPW	Los Angeles County Department of Public Works
LACFCD	Los Angeles County Flood Control District
LACoFD	County of Los Angeles Fire Department
LACM	Museum of Los Angeles County
LBP	Lead Based Paint
LCP	Local Coastal Program
Ldn	Day/Night Average Noise Level
Leq	equivalent continuous noise level
LST	localized significance threshold
LUST	Leaking Underground Storage Tank
M	Moment Magnitude
MBTA	Migratory Bird Treaty Act
MLD	Most Likely Descendant
MND	Mitigated Negative Declaration
MRZ	Mineral Resource Zone
Msl	mean sea level
MT	Metric Ton
MTCO2e	Metric Tons of Carbon Dioxide Equivalent
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Plan
NCP	National Contingency Plan
ND	Negative Declaration
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRCS	National Resource Conservation Service
N2O	Nitrous Oxide
NO2	Nitrogen Dioxide
NOD	Notice of Determination
NOx	Nitrogen Oxides
O&M	Operation and Maintenance
OEHHA	Office of Environmental Health Hazard Assessment
PCE	passenger car equivalent
PERP	Portable Equipment Registration Program
PGA	Peak Ground Acceleration
PM10	particulate matter (less than 10 microns in diameter)
PM2.5	particulate matter (less than 2.5 microns in diameter)
PRC	Public Resources Code
PSHA	Probabilistic Seismic Hazard Assessment
RCRA	Resource Conservation and Recovery Act
RMP	Resource Management Plan
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SMARA	California Surface Mining and Reclamation Act

Sox	Sulfur Oxides
sq. ft.	Square foot
SRA	Source Receptor Area
SR-XX	State Route XX
SVP	Society of Vertebrate Paleontology
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	Toxic Air Contaminants
TCR	Tribal Cultural Resource
TWW	Treated Wood Waste
USACE	US Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tank
VOC	Volatile Organic Compounds
WEAP	Worker Environmental Awareness Program

1. Introduction

1.1. Project Overview

This Initial Study analyzes the construction, operation and maintenance of the proposed San Gabriel Valley Aquatics Facility (proposed project or project). The proposed project would be located on a 3.1-acre portion of the 9.36-acre Temple Academy School public elementary school campus, located at 635 California Avenue, within an unincorporated area of the County of Los Angeles immediately east of the City of La Puente.

The project site currently contains a small (about 40 parking spaces) parking lot and grassy playing field (with no lighting), on the Temple Academy School campus. The Temple Academy no longer operational as of June 2021. The site is surrounded by the following uses:

- On the north by single-family homes with Evanswood Avenue beyond (backyards border the site and homes are generally set back 30 to 50 feet from the property line).
- On the east by the Allen J. Martin Park (which includes grassy areas, softball/baseball diamond, a playground and splash pad).
- On the south by the Temple Academy School (classrooms 130 feet south of the site) with North California Avenue beyond the school
- On the west by East Temple Avenue (the City boundary for the City of La Puente runs down Temple Avenue in this area) and single-family homes are located across East Temple Avenue (about 100 feet from the site).

The Temple Academy School is currently a public elementary school with about 264 students in grades Kindergarten through 6th grade. The portion of the school campus that is the project site is currently occupied by a parking lot and grassy play field for the school.

The proposed project consists of the construction, operation and maintenance of a new aquatics facility which would include the following: a pool building with offices, classrooms, restrooms and storage; an Olympic-size 55- yard (50-meter) by 25-yard competitive swimming pool; a 27-yard (25-meter) by 25-yard practice pool; and related improvements. The proposed programs would include various water exercises, recreational swimming, swim lessons, junior lifeguard training, synchronized swimming, water polo, and diving. The Olympic-size competition pool would also provide a venue for master swim teams and would be certified for hosting official swimming competitions and water polo events. Both the pool deck and pool would use energy efficient LED fixtures that would incorporate light shielding to ensure no spillover light on to adjacent properties. The project would also include a new one-acre park with exercise area, barbecue area, shade structure, plaza and outdoor amphitheater. Low-level security lighting would be provided throughout. The park area would be accessible from the adjacent Allen J. Martin Park.

1.2 Purpose of an Initial Study

The California Environmental Quality Act (CEQA) was enacted in 1970 for the purpose of providing decision-makers and the public with information regarding environmental effects of proposed projects; identifying means of avoiding environmental damage; and disclosing to the public the reasons behind a project's approval, even if it leads to environmental damage. The County of Los Angeles is the lead agency under CEQA and would be acting through the Los Angeles County Department of Public Works (LACDPW). The County has determined that the proposed project is subject to CEQA since it will result in environmental impacts and has also determined that an Initial Study (IS) shall be prepared.

An IS is a preliminary analysis conducted by the lead agency, in consultation with other agencies (responsible and/or trustee agencies, as applicable), to determine whether there is substantial evidence that a project may have a significant effect on the environment. If the IS identifies potentially significant effects on the environment, but mitigation measures included in the project can reduce the environmental effects of the project to a point where clearly no significant effect on the environment would occur, the lead agency may adopt a Mitigated Negative Declaration (MND).

This IS has been prepared in accordance with CEQA (Public Resources Code §21000 et seq.) and the State CEQA Guidelines (Title 14, California Code of Regulations, §15000 et seq.) and has determined that preparation of a Mitigated Negative Declaration would be appropriate under CEQA.

1.3 CEQA Process

The County of Los Angeles (County) is the lead agency under CEQA, The Los Angeles County Board of Supervisors (Board of Supervisors) is the governing body of the County. Once an IS has been prepared, the public is notified of the County's intent to adopt an MND, and the IS and proposed MND are made available for a minimum 20-day public review and comment period (this document is being circulated from November 30, 2021 to December 20, 2021). The purpose of this comment period is to provide public agencies and the general public an opportunity to review the IS and comment on the adequacy of the analysis and the findings of the lead agency regarding potential environmental impacts of the project. If a reviewer believes the project may have a significant effect on the environment, the reviewer may (1) identify the specific effect, (2) explain why it is believed the effect would occur, and (3) explain why it is believed the effect would be significant. Facts or expert opinion supported by facts should be provided as the basis of such comments. The address for the submission of written comments is:

Tom Afschar, Senior Capital Projects Manager
County of Los Angeles, Department of Public Works
900 South Fremont Avenue, 5th Floor
Alhambra, California, 91803
Email: TAfschar@dpw.lacounty.gov

After close of the public review period for the proposed project (December 20, 2021), the Board of Supervisors would consider the MND and supporting IS, together with any comments received during the public review process, in the final decision to approve or disapprove the project. The Board of Supervisors would also consider any recommended program of mitigation that is proposed to reduce impacts identified as a result of implementation of the proposed project to ensure that all impacts of the project are below the level of significance.

2. Project Description

2.1 Project Location and Setting

The San Gabriel Valley Aquatics Center project is proposed to be located on the Temple Academy School property in unincorporated Los Angeles County immediately adjacent to the City of La Puente at 635 North California Avenue (see **Figure 1**).

The proposed project would be constructed on a 3.1-acre portion of the Temple Academy public elementary school campus (which encompasses a total of 9.36 acres), located at 635 California Avenue, within an unincorporated area of the County of Los Angeles immediately east of the City of La Puente (see **Figure 2** for an aerial view of the site and adjacent area).

The existing school is part of the Hacienda La Puente Unified School District (HLPUSD). The County is planning to negotiate a ground lease with the HLPUSD to complete the project. HLPUSD is planning a 500-seat performing arts center on a portion of the Temple Academy campus about 150 feet south of the proposed project's parking lot; the performing arts center could share access with the project.

The project site currently contains a small parking lot and grassy playing field, on the Temple Academy School campus. The site is surrounded by the following uses:

- On the north by single-family homes with Evanswood Avenue beyond backyards border the site and homes are generally set back 30 to 50 feet from the property line).
- On the east by the Allen J. Martin Park (which includes grassy areas, a playground and splash pad).
- On the south by the Temple Academy School with North California Avenue beyond the school
- On the west by East Temple Avenue (the City boundary for the City of La Puente runs down Temple Avenue in this area) and single-family homes are located across East Temple Avenue (about 100 feet from the site).

The Temple Academy School is currently a public elementary school with about 264 students in grades Kindergarten through 6th grade. The portion of the school campus that is the project site is currently occupied by a parking lot and grassy pay field for the school.

2.2 Background and Project Objective

The main objective of the project is to construct a joint-use aquatics facility which would be available for student and public use and to provide recreational opportunities to the local community. The community, the County, and the Hacienda La Puente Unified School District (HLPUSD) maintain a desire for a publicly accessible swimming facility at this location as well as park facilities to complement the adjacent Allen J. Martin Park.

The proposed pools would provide for local residents to have an aquatics facility in closer proximity. Existing swimmers in the project area typically travel to the California High School located approximately 7.5 miles to the south of the site; in addition, this is where regional meets are held. County-operated practice locations are located at Arcadia Community Regional Park (7.8 miles to the north of the site) and Whittier Aquatics facility (8.1miles to the south). By providing additional swimming facilities in the region the County would increase recreational opportunities for the local community thereby reducing trips and vehicle miles travelled. The project would not result in new regional swim meets compared to what is already occurring.

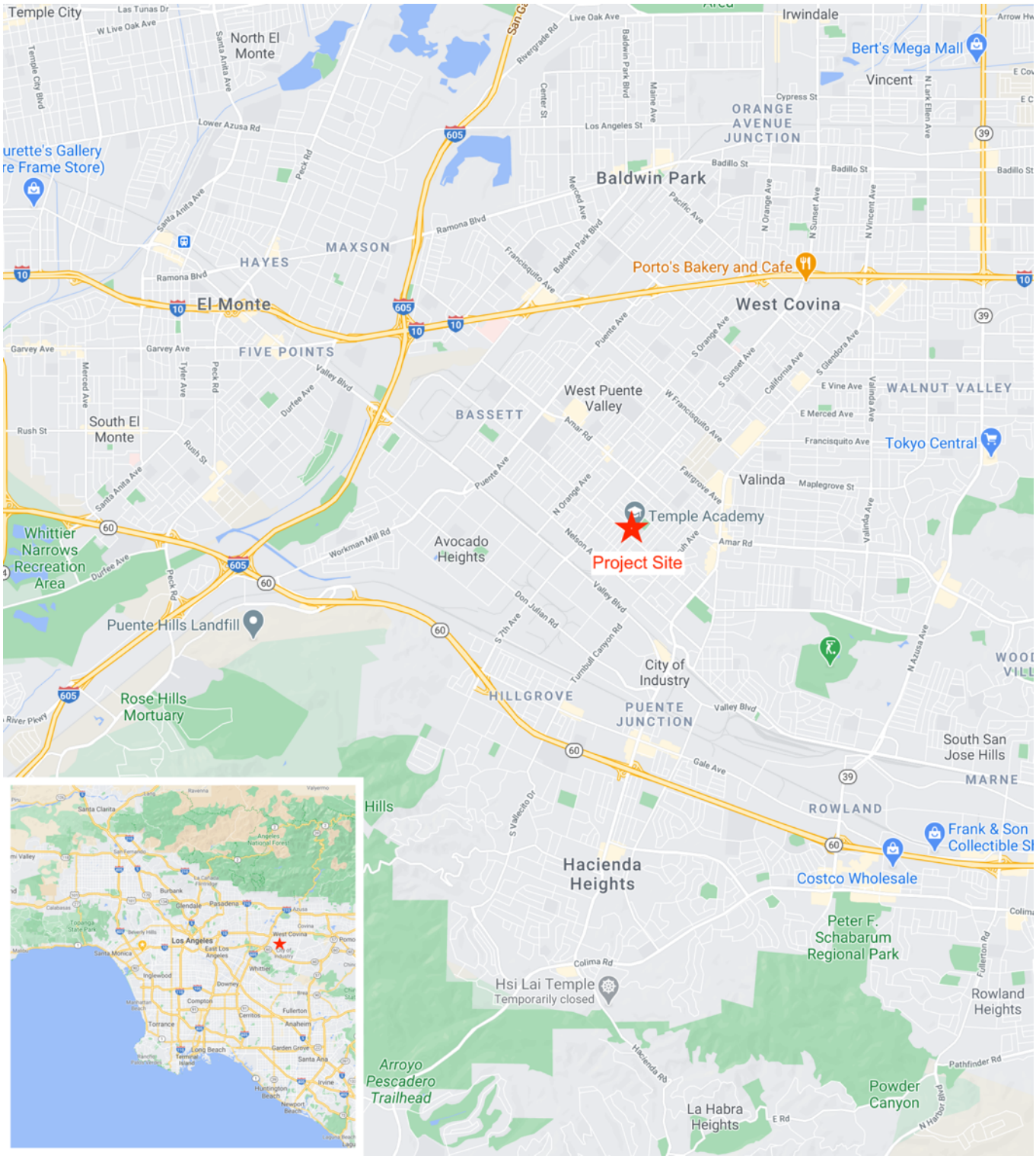


Figure 1
San Gabriel Valley Aquatics Center
Project Location



Figure 2
San Gabriel Valley Aquatics Center
Aerial View of Project Site and Vicinity

2.3 Project Details

Project Components

The proposed project includes the construction of a new aquatics facility that would include the following facilities:

- Two swimming pools:
  - A 55-yard (50-meter) by 25-yard competitive swimming pool. Depending on the final design; the depth of the pool could reach up to 15 feet deep at the deep end.
  - A 27-yard (25-meter) by 25-yard practice pool. Depending on the final design, the shallow end could be 3 to 4.5 feet deep and deep end of 13 feet deep.
- Both the pool deck and pool would use energy efficient LED fixtures that would incorporate light shielding to ensure no spillover light on to adjacent properties.
- Spectator bleachers (ADA Compliant) with seating that could accommodate about 495 people.
- A property monument sign with the name of the park.
- An electronic scoreboard.
- A 10,800 +/- square foot one-story pool building.
- One-acre park with exercise areas, barbeque area, shade structure, potential pollinator garden, plaza and amphitheater that would be accessible from the adjacent Allen J. Martin Park possibly including construction of walkways within the adjacent park to connect to facilities within the project site.
- Landscaping of the park and site.
- Benches and other park furniture.
- Parking lot with about 72 spaces.
- A perimeter fence/wall/hedge as well as other perimeter landscaping.
- Security lighting (low-level, energy efficient) throughout the facility.
- Concrete masonry unit (CMU) block wall along the northern property line between site and homes.

The project would remove the existing 40-space parking lot and grassy field; two small ornamental trees would also be removed as well as fencing between the site and the adjacent park. There are two basic options for site layout (see **Figures 3**). Vehicular and pedestrian access to the project would be from E. Temple Avenue; pedestrian access would also be available through the adjacent park and likely through the Temple Academy site from N. California Avenue.

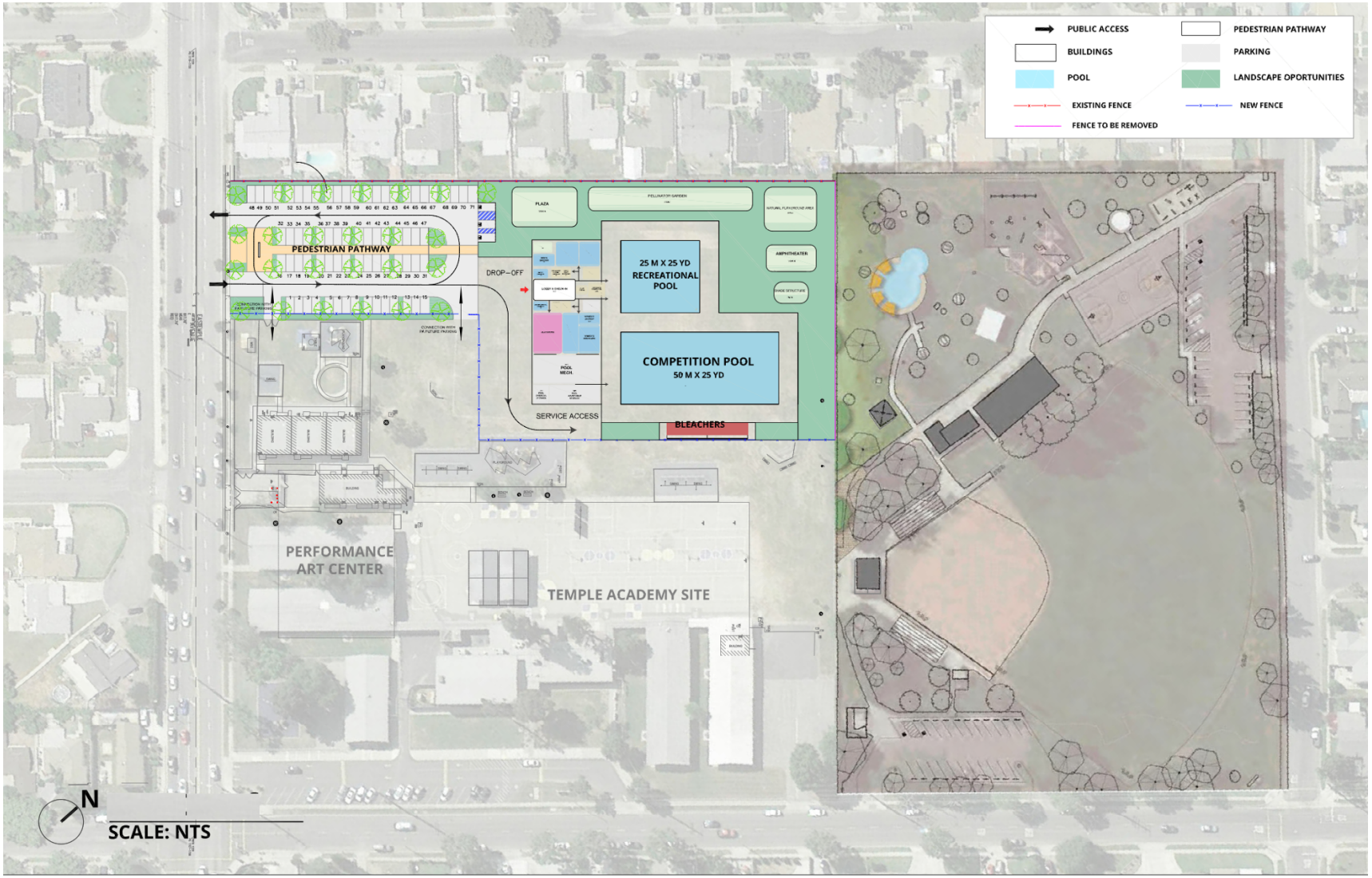
Construction

Access and Right of Way

Construction access to the site would be primarily from E. Temple Avenue with additional access if needed and available through the Temple Academy school from N. California Avenue. The work site would be securely fenced and protected at all times, during the construction phase.

Staging and Parking

The project site is large enough to provide construction materials and equipment staging and construction worker parking during most of the construction period. Additional parking exists south of the site on Temple Academy property and on local streets to the east of the site.



Note: Site Plan is conceptual and representative of planned development.

Figure 3
San Gabriel Valley Aquatics Center
Conceptual Site Plan

Utilities

The project would be located entirely within the existing Temple Academy property and would not interfere with utilities located within the public road right-of-way. Potable water is provided by Suburban Water Systems – San Jose Hills District, sewer services are provided by the Los Angeles County Consolidated Sewer Maintenance District East Yard (Map Sheet No.: E-2217). All utilities are located adjacent or nearby the site, requiring minimal construction efforts for interconnection.

Potable water from the closest hydrant would be used for South Coast Air Quality Management District (SCAQMD) Rule 403 fugitive dust control requirements during construction.

Schedule

If the proposed project is approved, construction activity is tentatively expected to begin in October 2022 and conclude in just over a year. **Table 1** identifies the anticipated schedule for each construction phase. This construction schedule may differ slightly from the selected contractor's schedule depending on the approval and final engineering schedule.

Table 1
Construction Schedule

Demolition phase duration	1 month -- October 2022
Site preparation	1 week – November 2022
Grading/Excavation	3 weeks – November 2022
Building/Pool Construction	15 months – December 2022 through February 2024
Architectural Coating	1 month – March 2024
Paving	1 month – April 2024

Workforce, Equipment and Debris/Soil Removal

Project construction would utilize off-road equipment and on-road vehicle trucks for earthmoving activities and haul trips throughout the project construction phases. **Table 2** includes a breakdown of the types of equipment that would be required for each phase of construction along with the hours each piece of construction equipment would be operated each day. Construction equipment may differ depending on the contractor's equipment and personnel resources. Up to approximately 15 daily worker round trips per day could occur during construction. Construction would generally occur Monday to Saturday 7:00 am to 7:00 pm in accordance with County regulations.

Approximately 4,500 cubic yards of debris would be removed from the site (concrete/paving) over the course of about one month; demolition debris removal would result in approximately 11 truck loads per day or 22 one-way truck trips spread throughout the day. In addition, about 7,300 cubic yards of soil would be removed to make way for the pools over the course of about one month (site preparation and grading); soil removal would result in approximately 20 truck loads per day or approximately 40 one-way truck trips. There are multiple options for haul routes, allowing trips to be distributed across a number of roadways including N. Temple Avenue, Sunset Avenue/S. 7th Avenue, Valley Boulevard, 60 Freeway, 605 Freeway (each route could be used for up to 100%). Approximately 45,000 square feet of the site would be paved as part of the project; excavation would extend to about 15 feet in depth.

Table 2
Equipment Use By Construction Phase
(Number of Pieces/Hours)

	Demolition	Site Preparation	Grading	Construction	Architectural Coatings	Paving
Rubber Tired Dozers	1/8	1/7	1/6			
Concrete Industrial Saws	1/8					
Excavators				1/6		
Tractors/Loaders/Backhoes	3/8	1/8	1/7	1/8		1/8
Graders		1/8	1/6			
Forklifts				2/7		
Pavers						1/8
Cement and Mortar Mixers						2/8
Rollers						2/8
Welders				3/8		
Generator Sets				1/8		
Air Compressor					1/6	
Paving Equipment						1/8

Operations and Maintenance

The project would operate as a community aquatics center seven days a week, year-round. The operating hours generally would be 6 a.m. to 9 p.m. or 10 p.m. weekdays, with shorter operating hours on weekends. The operating staff would number approximately 35 to 40 (full and part-time employees), covering two work shifts, with no more than 15 employees present at the same time. This workforce would consist of two dozen or so lifeguards; and four to six locker room attendants, two to four cashiers, and two to four shift managers to cover weekday and weekend operations.

Vehicular access to the site would be from East Temple Avenue with additional access if needed through the Temple Academy school from North California Avenue; pedestrian access would be available from E. Temple Avenue, N. California Avenue and through the Allen J. Martin Park to the east.

The following is an estimate of total daily vehicle trips to and from the aquatics facility by patrons and employees, which would occur during the operational phase of the project:

- Weekday – 843 Trips
- Saturday – 266 Trips
- Sunday – 398 Trips

Normal daily operations would include daily periods of time for lap swimming, swim lessons, recreational swimming, novice sports, diving, and special programming (scuba certification, master teams, etc.).

Operations of the pools would also include competitive swimming and diving meets, water polo matches, and synchronized swimming competitions. Regional events would occur approximately six times per year and would include about 2000 individuals; such events are held in heats/waves throughout the event day – with younger children participating in the morning heats and older children in the afternoon. Such events are already occurring and would be relocated to this site.

Other everyday operation activities of the project include as necessary heating and cooling of the pool building, water heating for showers and restrooms, pool water recirculation pump operation, pool heater operation, and

pool cover operation. Ongoing normal maintenance activities include regular pool cleaning and equipment servicing, and pool building cleaning and maintenance activities that would all be outsourced to local vendors. Other irregular maintenance activities, such as pool draining and repair/major maintenance work and interior or exterior pool building painting, would be completed infrequently as necessary based on the long-term wear and tear of the facilities.

The park would be open sunrise to sunset and would be intended for use by the local community. The plaza and amphitheater would be for local community use and would not include lighting beyond normal park security lighting or a public address system.

2.4 Project Design Features

The following project design features and best management practices would be included as part of the design of the project:

- The project would be carried out using a design-build process and would be designed to meet all applicable building codes and standards. The design and assumptions would be reviewed for consistency with the MND.

- Entrance to and exit from the parking lot would be separated and signed accordingly.

- The project would be designed to meet all applicable building codes and standards, including:
    - County of Los Angeles Park Design Guidelines and Standards (2017)
    - California Building Code Title 24, with County of Los Angeles code amendments.
    - California Code of Regulations Title 22, Chapter 20 Public Swimming Pools
    - California Code of Regulations Title 20 Appliance Efficiency Regulations
    - California Health and Safety Code
    - Virginia Graeme Baker Pool and Spa Safety Act
    - The pool building would be designed using the most recent version of *LEED, BD+C: New Construction* standards to allow the building to achieve a LEED Gold Certification.

- The pools would be designed to meet pool certification requirements of the following organizations:
    - FINA – Federation Internationale de Natation Amateur
    - U.S.A. Swimming Regulations (Rule 103.3.1.C through 104.2.2.C(4)(c))
    - U.S. Diving
    - U.S. Water Polo
    - U.S. Synchronized Swimming
    - NCAA – National Collegiate Athletic Association
    - NFSHSA – National Federal of State High School Associations

- Rule 403 fugitive dust control measures required by the SCAQMD, which requires reasonable precautions to be taken to prevent visible particulate matter from being airborne, under normal wind conditions, beyond the property from which the emission originates. Reasonable precautions include, but are not limited to the following:
    - Application of water on dirt roads, material stockpiles, and other unpaved surfaces that
    - can give rise to airborne dusts; and
    - Maintenance of roadways in a clean condition.
    - Construction contractor would implement an effective combination of sediment and erosion
    - control Best Management Practices (BMP) as outlined in the LACDPW Construction Site
    - BMP's Manual and as specified in the contract special provisions. Erosion control BMPs
    - where necessary may include, but not be limited to, the following:
    - Minimizing the extent of disturbed areas and duration of exposure

  - Stabilizing and protecting disturbed areas
  - Keeping runoff velocities low
  - Retaining sediment within the construction area
  - Use of silt fences or straw wattles
  - Temporary soil stabilization
  - Temporary drainage inlet protection
  - Temporary water diversion around immediate work area
  - Minimizing debris from construction vehicles on roads providing construction access

- LACDPW would ensure all construction crews have fire-suppression equipment (such as fire extinguishers) on site to respond to the accidental ignition of a fire.

- Spill kits would be available onsite to safely address potential leaks or spills of hazardous materials during construction and operation.

- In addition to complying with the County Code of Ordinances (Title 12: Environmental Protection, Chapter 12.08: Noise Control) regarding construction work hours, LACDPW would minimize short-term construction noise through implementation of BMPs that may include, but not be limited to, the following:
  1. Proper maintenance and tuning of all construction equipment engines to minimize noise.
  2. Proper maintenance and functioning of the mufflers on all internal combustion and equipment engines.
  3. Locate fixed and/or stationary equipment as far as possible from noise-sensitive receptors.
  4. Appoint a public liaison for project construction that would be responsible for addressing public concerns about construction activities including excessive noise. As needed, the liaison would determine the cause of concern (e.g., starting too early, bad muffler) and implement measures to address the concern.

- LACDPW would work with local authorities to prepare a construction traffic notification procedure to minimize transportation and traffic effects.

Specific design requirements or design features that affect the environmental impact analysis are discussed in more detail in the impact analysis discussions in Section 3.4, as appropriate. SWRCB Storm Water Program Construction General Permit (General Construction Storm Water Permit). The Construction General Permit, required by the federal Clean Water Act, regulates storm water runoff from construction sites of one acre or more in size. The Construction General Permit is a statewide, standing permit. Qualifying construction activities, which would include oil well projects where total disturbance is one acre or greater, must obtain coverage under the permit by filing a Notice of Intent with the RWQCB, and development of and compliance with a Storm Water Pollution Prevention Plan (SWPPP) describing best management practices (BMPs) the discharger will use to protect storm water runoff. The SWPPP must contain a visual monitoring program, a chemical monitoring program for “non-visible” pollutants to be implemented if there is a failure of BMPs, and a sediment monitoring plan if the site discharges directly to a water body listed on the 303(d) list (described below) for sediment.

2.5 Permits and Other Approvals

The potential permits and/or approvals from the County and other agencies that may be required prior to construction of the project are anticipated to be as follows:

- Los Angeles County – project approval and potentially a waiver from zoning requirements and General Plan consistency finding (Department of Regional Planning) in accordance with Government Code section 65402(a) and Building Permit.

- Agreement with HPLUSD regarding leasing the site.
- South Coast Air Quality Management District -- Rule 201/203 Permit to Construct/Permit to Operate and/or Rule 222 registration for the natural gas fired pool water heaters.
- Regional Water Quality Control Board – Construction General Permit.

2.6 Cumulative Projects

CEQA defines a cumulative impact as an effect that is created as a result of the combination of a proposed project together with other projects (past, present, or future) causing related impacts. Cumulative impacts of a project need to be evaluated when the project's incremental effect is cumulatively considerable and, therefore, potentially significant.

CEQA Guidelines section 15064 provides guidance on determining the significance of environmental effects caused by a project. CEQA Guidelines Section 15064(h)(1) provides guidance for determining significance of cumulative effects. If a cumulative impact may be significant and the project's incremental effect, though individually limited, is cumulatively considerable then an Environmental Impact report must be prepared. "Cumulatively considerable" means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.

Cumulative impacts are discussed in Section 3.4, XXI Mandatory Findings of Significance. As discussed in Section 3.4, the project would create construction-related impacts that are temporary and localized. Impacts from project operation (i.e., traffic) would be ongoing throughout the life of the project. Cumulative impacts would occur if the effects of the proposed project's construction and operation combine with similar effects of other projects in the area. Potential projects within ½ mile of the site were identified. The radius for identifying cumulative projects is typically determined by the potential for overlapping traffic impacts. In this case a radius of ½ mile was chosen in order to capture the potential for construction noise impacts to overlap. This distance also captures the potential for overlapping other impacts including air quality (except regional emissions and global greenhouse gas emissions), traffic and all other State CEQA Guidelines Appendix G issues. Overlapping impacts are not anticipated for any potential issue beyond ½ mile because of the small size of project, duration and nature of construction and surrounding land uses.

The HLPUSD is considering adding a 500-seat performing arts center as a separate project about 150 feet south of the proposed project parking area that may share driveway entrances and common park areas. Construction of that project could overlap with construction of the proposed project, but earth moving activities would not overlap.

Other cumulative projects that are applicable to the proposed project given their similarity in schedule and/or location are confined to single family homes as listed in **Table 3** below and shown in **Figure 4.** Construction of single-family homes generally result in limited impacts confined to individual sites and therefore the potential for substantial overlapping impacts is not expected; see also discussion in Section 3.4.

Table 3
Cumulative Projects List

#	Land Use	Address	Approx. Distance from Site (ft)
1	Single family home	14603 E Blackwood Street	2,400
2	Single family home	1030 Shadydale Avenue	2600
3	Single family home	1027 Glenshaw Drive	2400
4	Single family home	1003 Glenshaw Drive	2,200
5	Single family home	920 Broadmoor Avenue La Puente CA 91744	1,900
6	Single family home	921 Greenberry Drive, La Puente CA 91744	1,900
7	Single family home	933 N California Avenue, La Puente CA 91744	2,000
8	Single family home	903 N California Avenue, La Puente CA 91744	1,600
9	Single family home	14811 Flanner Street, La Puente CA 91744	1,200
10	Single family home	14638 Homeward Street, La Puente CA 91744	900
11	Single family home	774 Glenshaw Drive, La Puente CA 91744	750
12	Single family home	762 Greenberry Drive, La Puente CA 91744	650
13	Single family home	922 Aldgate Avenue	2,600
14	Single family home	769 Duff Avenue, La Puente CA 91744	1,250
15	Single family home	751 Duff Avenue, La Puente CA 91744	1,150
16	Single family home	727 Duff Avenue, La Puente CA 91744	1,000
17	Single family home	615 Foxworth Avenue, La Puente CA 91744	550
SOURCE: City of La Puente and KOA, April 2021			



Figure 4
Cumulative Projects

3. Environmental Checklist Form and Evaluation

3.1 Project Details

Project Title:	San Gabriel Valley Aquatics Center
Lead Agency:	County of Los Angeles
Contact Person:	Tom Afschar, Senior Capital Projects Manager County of Los Angeles, Department of Public Works 900 South Fremont Avenue, 5th Floor Alhambra, California, 91803 Phone: (626) 300-3201 Email: TAfschar@dpw.lacounty.gov
Project Location:	The proposed project would be constructed on a 3.1-acre portion of the 9.6-acre Temple Academy School campus, located at 635 California Avenue, within an unincorporated area of the County of Los Angeles immediately east of the City of La Puente.
Project Sponsor:	County of Los Angeles, Department of Parks and Recreation
General Plan Designation:	P – Public and Semi-Public. The site is within the West Puente Valley Community within the East San Gabriel Valley Planning Area. (The site is also within the planning boundary and sphere of influence of the City of La Puente; the La Puente General Plan designates the site PI – Public/Institutional.)
Zoning:	A-1-6000; Light Agricultural
Description of Project:	The County of Los Angeles proposes to construct and operate a publicly accessible aquatics facility on an existing parking lot and grassy playing field within the campus of Temple Academy. The project would include two swimming pools (i.e., 55-yard by 25-yard competitive pool, and 27-yard by 25-yard practice pool), an approximately 10,800-square foot pool building, and additional facilities including a parking lot, spectator bleachers, and electronic scoreboard as well as a new on-acre park that would include a barbeque area, shade structure, exercise area and amphitheater. The new park would integrate with the adjacent Allen J. Martin Park. The primary objective of the proposed project is to construct a joint-use aquatics facility available for both student and public use.
Surrounding land uses and setting:	The Temple Academy School is currently a public elementary school with about 264 students in grades Kindergarten through 6th grade. The school is part of the Hacienda La Puente Unified School District (HLPUSD). The County is planning to negotiate a ground lease with the HLPUSD to complete the project. The 3.1-acre project site currently contains a small parking lot and grassy playing field, on the Temple Academy School campus. The site is bordered on the north by single-family homes with Evanswood Avenue beyond, on the east by the Allen J. Martin Park (which includes grassy areas, a playground and splash pad), on the south by the Temple Academy School with North California Avenue beyond the school, and on the west by East Temple Avenue (the City boundary for the City of La Puente runs down Temple Avenue in this area) and single-family homes are located across East Temple Avenue.

Other public agencies whose approval is required:

South Coast Air Quality Management District
Regional Water Quality Control Board

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.?

The County initiated correspondence with five tribes pursuant to AB 52 on June 21, 2021 and provided notification of the project to each tribe.

- The Gabrieleño Band of Mission Indians – Kizh Nation
- The San Gabriel Band of Mission Indians
- The Fernandeño – Tataviam Band of Mission Indians
- The Tejon Indian Tribe
- The San Manuel Band of Mission Indians

In addition, the County reached out to five other tribal contacts identified by the Native American Heritage Commission.

Three tribes responded to the County, but only one tribe requested consultation: the Gabrieleño Band of Mission Indians – Kizh Nation. As a result of the consultation process three mitigation measures were identified and are included in the Mitigated Negative Declaration (**TCR-1** through **TCR-3**). These measures would reduce impacts to a less than significant level.

3.2. Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

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

3.3. Environmental 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.

☐ 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 "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**.

Tom Afschar

Tom Afschar
Senior Capital Projects Manager
Los Angeles County, Public Works

Date: November 17, 2021

3.4. CEQA Checklist and Evaluation

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
I. AESTHETICS. 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) **No Impact**. The area surrounding the project site is not characterized as containing scenic vistas. The East San Gabriel Valley Planning Area within which the project site is located contains the easternmost areas of Los Angeles County, and is located south of the Angeles National Forest, north of the Orange County border, and east of I-605. The visual character of this region is largely that of a typical suburban community with predominantly single- family residential uses, particularly in the areas closer to the foothills. In the County ridgelines and hillside management areas (slopes of greater than 25%) provide scenic vistas, especially views of open spaces. The closest hills are about 1.7 miles to the southeast and southwest. The project site serves as a public school that is compatible with the surrounding urban landscape.

Construction of the project would require temporary ground disturbance within the school. The presence of construction equipment and materials may be visible from public vantage points. Construction would include use of temporary barriers which could result in minor impairment of views of the mountains from roadways immediately adjacent to the site. Once the construction barriers are removed operation of the project would result in similar impacts to views of the mountains as compared to existing conditions.

While the proposed new aquatics facility would increase structures and overall intensity of urban development within the school footprint, it would not create a new visual obstruction or visual contrast to the surrounding viewsheds. Additionally, the project would include perimeter screening along all public boundaries. Given the lack of scenic vistas and because the project would blend with existing buildings and facilities within the school, no impacts to scenic vistas would occur.

b) **No Impact**. The project is not located in the vicinity of a scenic highway; the closest highway with any scenic designation is State Route 39 which is an eligible scenic highway, and which is located about 6.5 miles to the northeast.[1] Moreover the project would not impact any rock outcroppings or historic buildings. Two small ornamental trees could be impacted by the project, but if impacted they would be more than replaced by proposed landscaping. Therefore, impacts would be less than significant.

c) **Less-than-Significant Impact**. The project is in an urban area. The proposed project is a recreational use serving the local area and beyond. The proposed uses would be consistent with applicable regulations governing scenic quality including General Plan policies that encourage compatible land uses. The proposed recreational facilities would be compatible with the school use and surrounding community and therefore impacts of the project from both construction and operation would be less than significant.

d) **Less-than-Significant Impact**. The project site currently includes a parking lot and grassy playing field and does not contain any lighting. Construction would occur during daylight hours and would not require any lighting. Construction equipment would not contain reflective surfaces that could generate substantial glare. There would be no light or glare impacts during construction.

Night lighting of the pools and associated facilities would be directional and would include light shields as appropriate to ensure no spill-over lighting on to adjacent residential property; low level security lighting would be provided throughout the park.

The project would include security lighting and surfaces capable of generating glare (metal and water). The project would include vegetative screening along public boundaries. This would ensure nighttime security light illumination and any daytime glare do not extend beyond the proposed aquatics facility boundary. Additionally, all security lighting would be directed downward and toward the aquatics facility, to ensure minimal light spillage outside the project boundary. The Temple Academy contains a number of nighttime security lighting sources throughout the campus. Additionally, due to the flat topography of the site, nighttime lighting from adjacent land uses is visible across the site. Therefore, in the event any new nighttime lighting is visible, it is not expected to create a new source of substantial light compared to existing conditions. Operational impacts would be less than significant and therefore no mitigation measures are necessary.

[1] Figure 5.1-1 Scenic Highways, Los Angeles County General Plan Final EIR, 2016 and officially designated highways identified at: https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=2e921695c43643b1aaf7000dfcc19983; accessed March 3, 2021

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
II. AGRICULTURAL RESOURCES. In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, 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) **No Impact**. The project site is currently in use as a public school and the proposed project would be a public recreational facility. Although the site is zoned for light agricultural use (A-1-6000), it is completely urban and surrounded by urban uses. The recreational facility would be a continuation of recreational use that would complement the adjacent Allen J. Martin Park as well as the adjacent elementary school or future community-oriented use that may locate there. Therefore, the general use for public purposes would not substantially change and no farmland would be converted to non-agricultural use.

b) **No Impact**. As noted in a) above, the site is completely urban and would not represent a substantial change in use. Therefore, the proposed project would not conflict with existing zoning or a Williamson Contract.

c) **No Impact**. As noted in a) above, the site is completely urban and would not represent a substantial change in use. Therefore, the proposed project would not conflict with existing zoning related to forest land or timber land.

d) **No Impact**. As noted in a) above, the site is completely urban and would not represent a substantial change in use. Therefore, the proposed project would not result in the loss of forest land.

e) **No Impact**. As noted in a) above, the site is completely urban and surrounded by urban uses and would not represent a substantial change in use. Therefore, the proposed project would not involve changes to the environment that could result in conversion of farmland or forest land.

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
III. AIR QUALITY. 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 air basin 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?	☐	☐	☒	☐

a) **Less-Than-Significant Impact**. South Coast Air Quality Management District (SCAQMD) and Southern California Association of Governments (SCAG) have developed air quality management plans (AQMPs) to meet the requirements of the Federal Clean Air Act. AQMPs were developed in 2003, 2007, 2012, and 2016 to address various federal non-attainment and attainment/maintenance planning requirements. These plans are incorporated into the State Implementation Plan by CARB and are then reviewed and approved or disapproved by USEPA. USEPA is currently reviewing the 2016 AQMP. Emissions reduction measures in these plans are already part of approved regulations that apply to the project. Project construction would not include stationary emissions sources. Project water heaters would be required to comply with applicable regulations and would be consistent with air quality plans. The project would not cause new growth. Therefore, the project would not conflict with or obstruct the applicable air quality plans.

b) **Less-Than-Significant Impact**. The County of Los Angeles defers to the South Coast Air Quality Management District recommended thresholds of significance for the evaluation of construction and operational air quality impacts. These thresholds are shown in **Table 4** below.

Table 4 **SCAQMD Thresholds of Significance**		
Pollutant	**Construction Thresholds (lbs/day)**	**Operational Thresholds (lbs/day)**
Volatile Organic Compounds (VOC)	75	55
Nitrogen Oxides (NO_x)	100	55
Carbon Monoxide (CO)	550	550
Sulfur Oxides (SO_x)	150	150
Particulate Matter (PM_{10})	150	150
Fine Particulate Matter ($PM_{2.5}$)	55	55
Note: lbs = pounds. *Source: South Coast Air Quality Management District.*		

Regulations

Air quality is regulated at the federal (US Environmental Protection Agency), state (California Air Resources Board) and local level (SCAQMD). The SCAQMD is primarily responsible for planning, implementing, and enforcing federal and State ambient air quality standards within this portion of the SCAB. The USEPA, CARB, and the local air districts classify an area as attainment, unclassified, or nonattainment of the ambient air quality standards depending on whether the monitored ambient air quality data shows compliance, insufficient data available, or non-compliance with these standards; the National and California Ambient Air Quality Standards (NAAQS and CAAQS). The SCAB is currently designated as nonattainment for the State and federal ozone and fine particulate matter (PM2.5) standards, the federal standard for lead, and the State respirable particulate matter (PM10) standard. The SCAB is designated as attainment, attainment/maintenance, or unclassified for all other State and federal standards. [2]

As part of its planning responsibilities, SCAQMD prepares Air Quality Management Plans and Attainment Plans as necessary based on the attainment status of the air basins within its jurisdiction. The SCAQMD is also responsible for permitting and controlling stationary source criteria and air toxic pollutants as delegated by the USEPA. The project does not include major stationary sources, only small water heaters that would require registration but not stationary source permitting.

The following regulations would apply to the project:

CARB Statewide Portable Equipment Registration Program (PERP) Regulation. This regulation applies to any portable stationary equipment, such as generators, that may be used during construction. The PERP establishes a uniform program to regulate portable engines and portable engine-driven equipment units. Once registered in the PERP, engines and equipment units may operate throughout California without the need to obtain individual permits from local air districts, as long as the equipment is located at a single location for no more than 12 months.

SCAQMD Regulation 2 – Permits. This regulation would apply to any stationary air pollutant emitting equipment constructed at the site that are not exempt from permitting under Rule 219 – Equipment not Requiring a Written Permit Pursuant to Regulation II. This regulation would also apply to portable stationary equipment not registered under the PERP program that might be used during construction. These stationary and portable equipment would need to obtain permits to construct and operate.

[2] https://www.epa.gov/green-book and https://ww2.arb.ca.gov/resources/documents/maps-state-and-federal-area-designations; accessed February 26, 2021

Rule 222 – Filing Requirements for Specific Emissions Sources Not Requiring a Written Permit Pursuant to Regulation II. This rule requires that specific emissions sources, such as water heaters with heat input rates between 1,000,000 and 2,000,000 Btu per hour, file information for these emissions sources and provide annual use records.

Rule 401 – Visible Emissions. This rule prohibits discharge of air contaminants or other materials that are as dark or darker in shade as designated No. 1 on the Ringelmann Chart, or at an equivalent opacity, for a period or periods greater than three minutes in one hour.

Rule 402 – Nuisance. This rule prohibits discharge of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public; or that endanger the comfort, repose, health, or safety of any such persons or the public; or that cause, or have a natural tendency to cause, injury or damage to business or property.

Rule 403 – Fugitive Dust. The purpose of this rule is to control the amount of PM entrained in the atmosphere from man-made sources of fugitive dust. The rule prohibits emissions of fugitive dust from any active operation, open storage pile, or disturbed surface area to be visible beyond the emission source's property line. During project construction, fugitive dust control measures identified in the rule would be required to minimize fugitive dust emissions from proposed earth moving, temporary storage pile(s), and unpaved vehicle travel activities. These measures would include watering as necessary to maintain sufficient soil moisture content, vehicle/equipment speed limits when on unpaved areas, bulk material haul truck freeboard or cover dust controls, and sediment track-out controls.

Rule 1113 – Architectural Coatings. This regulation specifies the maximum volatile organic compound (VOC) content for various types of architectural coatings, such as flats, non-flats, and primers. This regulation would apply to all interior and exterior architectural coatings used at the site during construction and as needed later for site maintenance.

Rule 1146.2 – Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters. This regulation covers water heaters and boilers that have a rated heat input capacity of 2,000,000 Btu/hr or less. The water heaters selected for the pool and other water heating are expected to be in this heat input capacity range. The regulation provides emissions standards for Type 1 and Type 2 units, where the heaters for this project are expected to be Type 2 (>400,000 Btu/hr) heaters. For new Type 2-unit installations these emissions standards are:

- NOX emissions level less than 14 nanograms of NOX (calculated as NO2) per joule of heat output or less than or equal to 20 ppm of NOX emissions (at 3% oxygen, dry).
- CO emissions less than 400 ppm (at 3% oxygen, dry).

In addition, the Air Quality Element of the County of Los Angeles General has a number of air quality related goals and policies:

Goal AQ 1: Protection of exposure to harmful air pollutants.

- *Policy AQ 1.1:* Minimize health risks to people from industrial toxic or hazardous air pollutant emissions, with an emphasis on local hot spots, such as existing point sources affecting immediate sensitive receptors.

- *Policy AQ 1.2:* Encourage the use of low or no volatile organic compound (VOC) emitting materials.

- Policy AQ 1.3: Reduce particulate inorganic and biological emissions from construction, grading, excavation, and demolition to the maximum extent feasible.

- *Policy AQ 1.4:* Work with local air quality management districts to publicize air quality warnings, and to track potential sources of airborne toxics from identified mobile and stationary sources.

Goal AQ 2: The reduction of air pollution and mobile source emissions through coordinated land use, transportation and air quality planning.

- Policy AQ 2.1: Encourage the application of design and other appropriate measures when siting sensitive uses, such as residences, schools, senior centers, daycare centers, medical facilities, or parks with active recreational facilities within proximity to major sources of air pollution, such as freeways.
- Policy AQ 2.2: Participate in, and effectively coordinate the development and implementation of community and regional air quality programs.
- Policy AQ 2.3: Support the conservation of natural resources and vegetation to reduce and mitigate air pollution impacts.
- Policy AQ 2.4: Coordinate with different agencies to minimize fugitive dust from different sources, activities, and uses.

Construction

Construction emissions would occur as a result of operation of construction equipment (e.g., excavator, bulldozer, tractor), construction worker vehicles, paints and glues, and off-gassing of any carpeting. Operational impacts would be primarily associated with automobile use. Air quality modeling of the project was undertaken to determine potential for significant impacts.

For purposes of analyzing impacts associated with air quality, this analysis assumes a construction schedule of approximately 19 months. This assumption is conservative and yields the maximum daily impacts. Construction activities associated with the proposed project would be undertaken in six main steps: (1) removal of existing concrete/paving; (2) site preparation; (3) grading, excavation and foundation; (4) building construction; (5) architectural coating and finishing; and (6) paving.

Construction activities would be typical for an urban site in the area. Removal of existing parking area is anticipated to and require about a month. Site preparation and grading/excavation would require about one month. Following would be about 15 months of construction activities and would include the construction of the proposed building, pools and park facilities, connection of utilities, and laying irrigation for landscaping. Construction would be followed by one month of architectural coatings, followed by one month of paving. Approximately 500 cubic yards of construction debris and 6,500 cubic yards of soil would be removed from the site.

These construction activities would temporarily create emissions of dusts, fumes, equipment exhaust, and other air contaminants. Construction activities involving grading, excavation and foundation preparation would primarily generate $PM_{2.5}$ and PM_{10} emissions. Mobile sources (such as diesel-fueled equipment onsite and traveling to and from the project site) would generate NO_x emissions. The application of architectural coatings and paving activities would result in the release of ROG emissions. Emissions generated on a daily basis would vary, depending on the amount and types of construction activities occurring at the same time.

The analysis of daily construction emissions has been prepared using the California Emissions Estimator Model (CalEEMod 2016.3.2) recommended by the SCAQMD. Due to the construction time frame and the normal day-to-day variability in construction activities, it is difficult, if not

impossible, to precisely quantify the daily emissions associated with each phase of the proposed construction activities. Nonetheless, **Table 5**, Estimated Peak Daily Construction Emissions, identifies daily emissions that are estimated to occur on peak construction days. These calculations assume that appropriate dust control measures would be implemented as part of the project during each phase of development, as required by SCAQMD Rule 403 - Fugitive Dust. Specific Rule 403 control requirements include, but are not limited to, applying water in sufficient quantities to prevent the generation of visible dust plumes, applying soil binders to uncovered areas, reestablishing ground cover as quickly as possible, utilizing a wheel washing system to remove bulk material from tires and vehicle undercarriages before vehicles exit the project site, and maintaining effective cover over exposed areas.

Table 5
Estimated Peak Daily Construction Emissions

Year	Emissions in Pounds per Day					
	ROG	**NO_x**	**CO**	**SO_x**	**PM_{10}**	**$PM_{2.5}$**
2022	2.25	42.54	18.27	0.11	4.96	2.22
2023	11.34	15.46	18.03	0.03	1.03	0.74
Maximum	**11.34**	**42.54**	**18.03**	**0.11**	**4.96**	**2.22**
SCAQMD Thresholds	75.00	100.00	550.00	150.00	150.00	55.00
Significant Impact?	No	No	No	No	No	No

*Note: Calculations assume compliance with SCAQMD Rule 403 – Fugitive Dust. Calculation sheets are provided in **Appendix A**.*

As noted in the Project Description and above the project is required to comply with all applicable standards of the Southern California Air Quality Management District, including the provisions of District Rule 403 to reduce dust and particulate matter.

As shown in **Table 4**, construction-related daily emissions associated with the project would not exceed any regional SCAQMD significance thresholds for criteria pollutants during the construction phases. Therefore, regional construction impacts are considered to be less than significant.

Operational Emissions

The project site currently contains a small 40-space parking lot and grassy play area associated with the recently (June 2021) closed school use. The proposed project would generate approximately 843 daily weekday vehicle trips (using trip rates from Institute of Transportation Engineers [ITE] Trip Generation Manual, 10th Edition), including 51 a.m. peak hour trips and 68 p.m. peak hour trips.

This analysis assumes no existing air quality emissions for the project site and thus presents a conservative analysis (existing trips as well as emissions from landscaping materials do currently occur). Operational emissions generated by area sources, motor vehicles and energy demand would result from normal day-to-day activities of the recreational uses. The analysis of daily operational emissions associated with the project has been prepared using CalEEMod 2016.3.2 recommended by the SCAQMD. The results of these calculations are presented in **Table 6**, Estimated Daily Operational Emissions. As shown, the operational emissions generated by the project, would be substantially below regional thresholds of significance set by the SCAQMD. Therefore, impacts associated with regional operational emissions from the project would be less than significant.

Table 6
Estimated Daily Operational Emissions

Emissions Source	**Emissions in Pounds per Day**					
	ROG	**NO_x**	**CO**	**SO_x**	**PM_{10}**	**$PM_{2.5}$**
Area Sources	0.48	0.00	0.00	0.00	0.00	0.00
Energy Demand	0.00	0.00	0.00	0.00	0.05	0.00
Mobile (Motor Vehicles)	1.18	4.98	13.98	0.05	4.54	1.24
Stationary	0.78	3.45	13.84	0.08	1.07	1.07
Total Project Emissions	**2.44**	**8.44**	**27.81**	**0.13**	**5.62**	**2.31**
SCAQMD Thresholds	55.00	55.00	550.00	150.00	150.00	55.00
Potentially Significant Impact?	No	No	No	No	No	No
*Calculation data provided in **Appendix A**. Column totals may not add due to rounding from the model results.*						

A significant impact may occur if a project would add a considerable cumulative contribution to federal or state non-attainment pollutant. The South Coast Air Basin is currently in nonattainment of federal standards for ozone, $PM_{2.5}$ and Pb (Lead), and nonattainment of state standards for these same pollutants except Pb and plus PM_{10}. The SCAQMD recommends that a project's potential contribution to cumulative impacts be assessed using the significance criteria identified in **Table 3**.

As discussed above, the mass daily construction and operational emissions generated by the project would not exceed any thresholds of significance recommended by the SCAQMD. Also, as discussed below, localized emissions generated by the project would not exceed the SCAQMD's Localized Significance Thresholds (LSTs). Therefore, the project would not contribute a cumulatively considerable increase in emissions for those pollutants for which the South Coast Air Basin is in nonattainment. Thus, cumulative air quality impacts associated with the project would be less than significant.

The thresholds of significance for cumulatively considerable contributions to a regional air quality impact are the same as the thresholds of significance for a project impact. The project does not have the potential to result in a project-specific significant regional air quality impact and therefore does not have the potential to result in a cumulatively considerable contribution to a significant regional air quality impact.

The project could involve the use and storage of chlorine and other cleaning supplies. Any such chemicals would be stored and used in accordance with applicable regulations and no toxic airborne emissions would typically result from project implementation. In addition, construction activities associated with the project would be typical of other development projects in the area and would be subject to the regulations and laws relating to toxic air pollutants at the regional, state, and federal level that would protect sensitive receptors from substantial concentrations of these emissions. Therefore, impacts associated with the release of toxic air contaminants would be less than significant.

c) **Less-Than-Significant Impact**. A significant impact may occur if a project were to generate pollutant concentrations to a degree that would significantly affect sensitive receptors. Land uses that are considered more sensitive to changes in air quality than others are referred to as sensitive receptors. Residential uses are considered sensitive because people in residential areas are often at home for extended periods of time, so they could be exposed to pollutants for extended periods. The nearest sensitive receptors to the project site are the single-family homes along the northern property line.

Emissions from construction activities have the potential to generate localized emissions that may expose sensitive receptors to harmful pollutant concentrations. The SCAQMD has developed localized significance threshold (LST) look-up tables for project sites that are one, two, and five acres in size to simplify the evaluation of localized emissions at small sites. LSTs are provided for each Source Receptor Area (SRA) and various distances from the source of emissions.

In the case of this analysis, the project site is located within SRA 11 covering the South San Gabriel Valley. Existing sensitive receptors (homes) are located along the northern property line, as well as the park to the east; the Temple Academy is not operational and therefore no longer a sensitive receptor. The LSTs for a two-acre site in SRA 11 with receptors located within 25 meters (82 feet) have been used to address the potential localized NOx, CO, PM_{10}, and $PM_{2.5}$ impacts to the area surrounding the project site.

As shown in **Table 7**, Localized On-Site Peak Daily Construction Emissions, peak daily emissions generated within the project site during construction activities for each phase would not exceed the applicable construction LSTs for a two-acre site in SRA 11. Therefore, localized air quality impacts from construction activities on the off-site sensitive receptors would be less than significant.

With respect to operation activities, carbon monoxide concentrations in California have been steadily declining over recent years; there have been no exceedances of the 8-hour standard for several years. Requirements for cleaner vehicles, equipment, and fuels have cut peak CO levels more than in half since 1980 despite growth. As addressed by the project's Transportation Study, the project would not substantially increase VMT and would not substantially add to congestion in the project area. Therefore, the project would not have the potential to cause or contribute to an exceedance of the California one-hour or eight-hour CO standards of 20 or 9.0 ppm, respectively; or generate an incremental increase equal to or greater than 1.0 ppm for the California one-hour CO standard, or 0.45 ppm for the eight-hour CO standard at any local intersection. Therefore, impacts with respect to localized CO concentrations would be less than significant.

The maximum daily PM2.5 emissions from the water heaters are conservatively evaluated based on a similar facility proposed for Whittier.[3] Full load for the project's water heaters for 24 hours would only occur when the pool is first heated or if it has to be reheated after a maintenance event. The average daily PM2.5 emissions, based on the CalEEMod annual PM2.5 emissions estimate derived from annual fuel use at similar County aquatics facilities would be 1.07 pounds per day. The LST for PM2.5 for operation on a 2-acre site for a distance of 82 feet is 2 lbs/day. Therefore, project emissions would be below this screening level. In addition, the CalEEMod program uses an old and generic USEPA emissions factor for PM2.5, where more recent information sources used in the European Environment Agency EMEP/EEA air pollutant emission inventory guidebook provides a more source type specific PM10/PM2.5 emissions factor for small natural gas fired boilers/heaters that is more than 5 times lower than the generic USEPA emissions factor used for all boiler types and sizes. Therefore, the worst- case daily PM2.5 emissions would be below the LST threshold, and the average daily PM2.5 emissions would be well below the threshold.

[3] Whittier Aquatics Facility, MND available at: https://parks.lacounty.gov/whittier-aquatics-facility-notice-of-intent-to-adopt-a-mitigated-negative-declaration/

Table 7
Localized On-Site Peak Daily Construction Emissions

Construction Phase [a]	Total On-site Emissions (Pounds per Day)			
	NO_x [b]	CO	PM_{10}	$PM_{2.5}$
Demolition Emissions	**16.92**	**17.01**	**1.19**	**0.82**
SCAQMD Localized Thresholds	*121*	*885*	*7.00*	*5.00*
Potentially Significant Impact?	No	No	No	No
Site Preparation	**14.63**	**7.09**	**2.95**	**1.73**
SCAQMD Localized Thresholds	*121*	*885*	*7.00*	*5.00*
Potentially Significant Impact?	No	No	No	No
Grading/Excavation/Foundation Emissions	**13.78**	**9.19**	**2.79**	**1.57**
SCAQMD Localized Thresholds	*121*	*885*	*7.00*	*5.00*
Potentially Significant Impact?	No	No	No	No
Building Construction Emissions	**15.83**	**17.12**	**0.76**	**0.73**
SCAQMD Localized Thresholds	*121*	*885*	*7.00*	*5.00*
Potentially Significant Impact?	No	No	No	No
Paving Emissions	**8.97**	**11.99**	**0.45**	**0.41**
SCAQMD Localized Thresholds	*121*	*885*	*7.00*	*5.00*
Potentially Significant Impact?	No	No	No	No
Architectural Coatings Emissions	**1.30**	**1.81**	**0.07**	**0.07**
SCAQMD Localized Thresholds	*121*	*885*	*7.00*	*5.00*
Potentially Significant Impact?	No	No	No	No

Note: Calculations assume compliance with SCAQMD Rule 403 – Fugitive Dust. Building construction emissions include paving and architectural coatings.
[a] The project site is 3.1 acres. As such and consistent with SCAQMD recommendations, the localized thresholds for all phases are based on a two-acre site with a receptor distance of 25 meters (82 feet) in SCAQMD's SRA 11.
[b] The localized thresholds listed for NO_x in this table takes into consideration the gradual conversion of NO_x to NO_2, and are provided in the mass rate look-up tables in the "Final Localized Significance Threshold Methodology" document prepared by the SCAQMD. As discussed previously, the analysis of localized air quality impacts associated with NO_x emissions is focused on NO_2 levels as they are associated with adverse health effects.
*Calculation sheets are provided in **Appendix A**.*

d) Less Than Significant Impact. A project-related significant adverse effect could occur if construction or operation of the proposed project would result in generation of odors that would be substantial in adjacent sensitive areas.

Potential sources that may emit odors during construction activities include equipment exhaust. Odors from these sources would be localized and generally confined to the immediate area surrounding the proposed project. The proposed project would use typical construction techniques, and the odors would be typical of most construction sites and temporary in nature. Therefore, construction of the proposed project would result in less-than-significant impacts related to odors.

According to the SCAQMD *CEQA Air Quality Handbook*, land uses and industrial operations that are associated with odor complaints include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies and fiberglass molding. The proposed project involves the construction and operation of swimming pools and park facilities. Swimming pools can be associated with minor odors associated with the use of chlorine. But these odors tend to be highly localized and dissipate quickly. Operation of park facilities may occasionally

result in odors associated with fertilizers, barbequing, etc. but such odors are fleeting and common in residential areas and are not significant. The proposed project involves no elements related to industrial projects; no unusual substantial objectionable odors are anticipated. Therefore, the potential impacts associated with objectionable odors would be less than significant.

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES. Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☒	☐
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?	☐	☐	☐	☒
c) Have a substantial adverse effect on 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 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) Less-Than-Significant Impact with Mitigation. The project site and surrounding area are completely developed and urbanized, and no natural habitat occurs. The parking lot and grassy playing

field include minor ornamental vegetation including two small ornamental trees on the periphery of the site, that would be impacted by construction. The proposed project would include new perimeter landscaping around the site as well as landscaped areas of the new park. This new landscaping would likely include ornamental trees. Because the site is in an urbanized area, once new landscaping is established urban-adapted birds are expected to utilize the ornamental plants similar to pre-project conditions.

The proposed project site is fully developed, and no special-status plants, invertebrates, fish, reptiles, amphibians, or mammals have the potential to occur. The project site contains no natural nesting or foraging habitat for special-status birds. However, some common urban-adapted birds have the potential to nest within the two ornamental trees that could be impacted/removed during construction. Although these urban-adapted species do not have any special conservation status, their nests are protected under the Migratory Bird Treaty Act (MBTA) and the California Fish and Game Code. Construction activities at the project site could result in impacts to active nests. Active nests are those that contain eggs, nestlings, or fledglings that are still dependent on the nest. The MBTA regulates the needless destruction of an active bird nest, and any destruction of active nests or activities that cause an active nest to fail (such as through parental abandonment of an active nest from project-related disturbance) would be considered a significant impact and a violation of the MBTA and Sections 3503, 3503.5, 3505, 3800, and 3801.6 of the California Fish and Game Code.

Construction activities could impact two existing ornamental trees (one on the southern edge of the site one on the eastern edge) and disturbance to existing species that live on or forage on the site. Operation of the project and the new landscaping would result in new trees and new nesting opportunities and would allow for the return of most if not all species that currently exist on the site.

While impacts would be less than significant without mitigation, **Mitigation Measure BIO-1** is recommended as best management practices to comply with existing regulations and avoid impacts to nesting birds:

BIO-1 Pre-Construction Surveys. If construction will occur during the bird breeding season (February 1 through August 31), prior to construction activities (i.e., mobilization, staging, grading) a qualified avian biologist conducts pre-construction surveys for nesting and breeding birds in all ornamental landscaping and trees.

If breeding birds with active nests are located on the site prior to or during construction, a qualified avian biologist to establish a 300-foot buffer (500 foot for raptors) around the nest with no activities allowed within the buffer(s) until the young have fledged from the nest or the nest fails. If birds are found to be nesting in construction equipment and the nests contain eggs or young, buffers as described above to be implemented. The prescribed buffers may be adjusted by a qualified avian biologist based on existing conditions around the nest, planned construction activities, tolerance of the species, and other pertinent factors. The qualified avian biologist to conduct regular monitoring of any nest to determine success/failure and to ensure that project activities are not conducted within the buffer(s) until the nesting cycle is complete or the nest fails. The avian biologist to be responsible for documenting the results of the surveys, nest buffers implemented, and presenting the results in ongoing monitoring reports.

If trees with nests are to be removed as part of a project, remove outside of the nesting season to avoid additional impacts to nesting birds. If removal during the nesting season cannot be avoided, all trees to be inspected for active nests by an avian biologist within one to two weeks prior to construction. If nests are found within these trees and contain eggs or young, no activities within a 300-foot buffer for nesting birds and/or a 500-foot buffer for nesting raptors to occur until the young have fledged the nest as determined by the project avian biologist.

b) **No Impact**. As noted above, the site is completely urbanized. There is no riparian area on the site.

c) **No Impact**. As noted above, the site is completely urbanized. There is no wetland on the site.

d) **No Impact**. As noted above, the site is completely urbanized. No native habitat occurs on or adjacent to the site; the project (neither construction nor operation) would not interfere with 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) **No Impact**. The project could impact two ornamental trees. Because tree removals would only affect ornamental trees within landscaped areas of the site, the project would not conflict with the County of Los Angeles Oak Tree Ordinance (22.56.2060). Neither construction nor operation of the proposed project would conflict with any local policies or ordinances protecting biological resources.

f) **No Impact**. The project site is not within the boundary of any adopted habitat conservation plan or natural community conservation plan. No impact would occur.

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

a) **Less-Than-Significant Impact**. Under CEQA, a "project that may cause a substantial adverse change in the significance of a historic resource is a project that may have a significant effect on the environment."[4] This statutory standard involves a two-part inquiry. The first involves a determination of whether the project involves a historic resource. If so, then the second part involves determining whether the project may involve a "substantial adverse change in the significance" of the resource. To address these issues, guidelines that implement the 1992 statutory amendments relating to historical resources were adopted in final form on October 26, 1998 with the addition of CEQA Guidelines Section 15064.5. CEQA Guidelines Section 15064.5, as well as PRC Section 21084.1, provides that for the purposes of CEQA compliance, the term "historical resources" shall include the following:[5]

- A resource listed in or determined to be eligible by the State Historical Resources Commission, for listing in the California Register.
- A resource included in a local register of historical resources, as defined in PRC Section 5020.1(k) or identified as significant in a historical resource survey meeting the requirements in PRC

[4] California Public Resources Code Section 21084.1.
[5] California Code of Regulations, Title 14, Section 15064.f(e).

Section 5024.1(g), shall be presumed to be historically or culturally significant. Public agencies must treat such resources as significant for purposes of CEQA unless the preponderance of evidence demonstrates that it is not historically or culturally significant.

- Any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California may be considered to be a historical resource, provided the lead agency's determination is supported by substantial evidence in light of the whole record. Generally, a resource shall be considered by the lead agency to be 'historically significant' if the resource meets one of the criteria for listing on the California Register.

- The fact that a resource is not listed in, or determined to be eligible for listing in, the California Register, not included in a local register of historical resources (pursuant to PRC Section 5020.1(k)), or identified in a historical resources survey (meeting the criteria in PRC Section 5024.1(g)) does not preclude a lead agency from determining that the resource may be a historical resource as defined in PRC Sections 5020.1(j) or 5024.1.

Section 15064.5 of the CEQA Guidelines also provides that "substantial adverse change in the significance of an historical resource means physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired."[6] Material impairment occurs when a project alters or demolishes in an adverse manner "those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion" in a state or local historic registry.[7]

There are no known historic resources within the project or within a ¼ mile search radius.[8] However, as with elsewhere in the region, there is the potential to encounter unanticipated buried resources when excavating below previously disturbed levels (see discussion of Archeological Resources below). The project would involve excavation to a depth of 15 feet in the deep end area of the proposed pool which would extend in relatively small areas below previously disturbed areas. See also XVIII Tribal Cultural Resources including **Mitigation Measures TCR-1 through TCR-3** that provide for monitoring and protection of any unexpected finds of Tribal Cultural Resources.

In addition, several federal and state laws regulate the treatment of cultural resources, as well as make it a criminal violation to destroy those resources. These include, but are not limited to:

- California Penal Code Section 622.5 provides the following:

  Every person, not the owner thereof, who willfully injures, disfigures, defaces, or destroys any object or thing of archeological or historical interest or value, whether situated on private lands or within any public park or place, is guilty of a misdemeanor.

6 California Code of Regulations, Title 14, Section 15064.5(b)(1).
7 California Code of Regulations, Title 14 Section 15064.5(b)(2)(A-C).
8 Cultural Resources Records Search Results for the San Gabriel Valley Aquatics Center, City of La Puente, Los Angeles County, CA, WH Bonner Associates, April 23, 2021; see **Appendix B**.

- Public Resources Code Section 5097.5 (a) states, in part, that:

  No person shall knowingly and willfully excavate upon, or remove, destroy, injure, or deface, any historic or prehistoric ruins, burial grounds, archaeological or vertebrate paleontological site, including fossilized footprints, inscriptions made by human agency, rock art, or any other archaeological, paleontological or historical feature, situated on public lands, except with the express permission of the public agency having jurisdiction over the lands.

Compliance with these regulations together with mitigation measures that would address Tribal Cultural Resources (**TCR-1** through **TCR-3**) would reduce potential impacts during construction to a less than significant level; operation would result in no additional impacts.

b) **Less-Than-Significant Impact.** Public Resources Code Section 21083.2 defines a unique archaeological resource as an archaeological artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:

1. Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information

2. Has a special and particular quality such as being the oldest of its type or the best available example of its type

3. Is directly associated with a scientifically recognized important prehistoric or historic event or person

Under the CEQA Guidelines, archaeological resources may also be considered historical resources if the resource is listed or eligible for listing on the California Register of Historical Resources (14 CCR § 4850). Therefore, definitions of archaeological resources, as defined in Section 15064.5 of the CEQA Guidelines are the same as those provided for historical resources discussed in a) above.

The archaeological record of Southern California is traditionally divided chronologically based on changes in artifact types and styles. The following chronology for Native American habitation in prehistoric Southern California is based on archaeological data and correlations with ethnographic data.[9]

Native American occupation of Los Angeles County and neighboring regions can be divided into five cultural periods: Early or Proto-Archaic period (variously dated between ca. 9000–6000 and 6000–3000 B.C.); Middle Archaic Period (between ca. 6000–3000 and 4000–500 B.C.); and the Late Archaic (between ca. 4000– 500 B.C. and 2000 B.C.–A.D. 1100), which ended in the ethnographic period

The earliest historical records of human settlements in Los Angeles County date back to the Proto-Archaic period (8,000–6,000 B.C.) with the settlements of the Chumash people. A hunter-gatherer and fisher tribe, the Chumash occupied the coastal regions of southern California from present-day areas of San Luis Obispo to Santa Barbara, Ventura, and Los Angeles County.

During the Middle Archaic period (6,000–4,000 B.C.), the Chumash became known for their technological and craftsman advances in basketry, inventing the plank canoe, fishing and whaling, creating an early form of currency through olive snail (*Olivella biplicata*) bead manufacturing and trading, and developing a form of tar used for waterproofing.

[9] Los Angeles County, Los Angeles County General Plan Update EIR, 2016

By the Pacific Period, beginning around 2,000 B.C., large Chumash villages appeared along the Pacific coast. Trading alliances, warfare, and the division of labor and manufacturing further enhanced the Chumash's presence in the region.

The Late Prehistoric period, around 200 to 500 A.D., ushered in the arrival of the Gabrieleño tribe, who migrated west from the Mojave Desert area. Slowly, the Gabrieleño began to displace the Chumash in Southern California. By 1500, an estimated 25 Gabrieleño villages were in the area that would become Los Angeles County. Similar to the Chumash, the Gabrieleño a were hunters and gatherers and traded goods extensively throughout the Southern California and Nevada region. Both the Chumash and the Gabrieleño remained largely isolated until Spanish explorers arrived in Southern California under Portuguese explorer Juan Rodríguez Cabrillo in 1542. The Chumash and Gabrieleño populations dwindled from the 1500s to the 1900s due to the arrival of Old World diseases, such as smallpox and influenza, introduced by the Spanish. Research estimates that the Chumash population was approximately 2,000 in 2010, but many artifacts, cave paintings, and cultural elements remain extant today.

La Puente Valley and the surrounding region is located in an ethnographic area associated with the Gabrieleño people of the Los Angeles, San Gabriel, Rio Hondo, and Santa Ana River drainages. The Gabrieleño were present in the area in the Late Prehistoric/Protohistoric period. As one of the most populous and powerful groups in southern California, the Gabrieleño were primarily hunter gatherers. Although they did not plant crops, use iron tools, and had no cattle or horses until the arrival of the Spanish, the Gabrieleño were among the few New World peoples who regularly navigated the ocean in plank canoes.

After the establishment of the Mission San Gabriel in 1771, following the Spanish custom to name Native American tribes after a nearby mission, the people became known as the Gabrieleño (rather than Tongva). The Gabrielino inhabited the areas until 1769, when Spanish soldier and explorer Don Gasper de Portolá and his expedition arrived in the area. Resistance to the Spanish soldiers and missionaries led to conflict, enslavement, assimilation, and the near extinction of the Gabrielino people.[10]

The entire ground surface within the project site has been previously disturbed; archaeological deposits located at or near the surface have long since been obliterated by urbanization. As noted above, the records search results indicate that there are no recorded archeological sites within the project site or within the ¼ mile search radius. However, based upon the human occupation history of the area, as noted above, excavation below previously disturbed levels may encounter unanticipated buried archaeological resources.

As discussed in a) above existing regulations address unanticipated finds of cultural resources (including Tribal Cultural Resources addressed in Section XVIII). **Mitigation Measures TCR-1** through **TCR-3** provide for additional monitoring and protection of any identified Tribal Cultural Resources. Compliance with the regulations discussed would ensure potential impacts would be less than significant; no additional impacts would occur during operation.

c) **Less-Than-Significant Impact**. There are no known buried human remains on the site. California Health and Safety Code Section 7050.5(b) specifies the protocol for when human remains are discovered. The Code states:

> *In the event of discovery or recognition of any human remains in any location other than a dedicated cemetery, there shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains until the coroner of the county in which the human remains are discovered has determined, in accordance with Chapter 10 (commencing with*

[10] LA County Library, La Puente Valley: https://lacountylibrary.org/lapuente-local-history/

section 27460) of Part 3 of Division 2 of Title 3 of the Government Code, that the remains are not subject to the provisions of section 27492 of the Government Code or any other related provisions of law concerning investigation of the circumstances, manner and cause of death, and the recommendations concerning treatment and disposition of the human remains have been made to the person responsible for the excavation, or to his or her authorized representative, in the manner provided in PRC Section 5097.98.

Compliance with existing regulations during construction would ensure that unexpected finds of human remains are appropriately addressed, and a less than significant impact would occur. No additional impacts would occur during operation.

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

a) Less-Than-Significant Impact. There is currently no energy use on the project site. All construction- and operation-related activities would involve use of energy-consuming equipment and processes.

The project would directly consume electricity on-site during construction and operation. During construction the project would cause the consumption of motor fuels from on-road vehicles (passenger vehicles, delivery vehicles and haul trucks) and off-road equipment. The project would directly consume electricity and natural gas on-site during operation and would cause the consumption of motor fuels from passenger vehicles and delivery vehicles during operation (see Section 2 Project Description and Appendix A Air Quality Calculations). Additionally, some of the energy used by on-road vehicles during construction and operation would be in the form of electrical energy. Electricity for project operations would come from the SCE transmission system that serves 15 million people in central, coastal and southern California, excluding the City of Los Angeles and certain other cities.[11] Natural gas would come from the SoCalGas transmission system that serves over 21.8 million consumers and is the nation's largest natural gas distribution utility.[12] Motor vehicle fuels, primarily gasoline and diesel fuel, would come from public and private refueling stations (aka "gas stations") located throughout the project area, or in the case of the construction period off-road equipment these fuels would be delivered directly to the site for equipment refueling.

Energy efficiency is regulated at the federal, State, and local levels. For California, many of the federal energy efficiency standards, such as appliance efficiency standards, are repeated in the California

11 http://www.caiso.com/Documents/FinalStudyPlan_2020-2021TPP_Revised.pdf

12 https://www.socalgas.com/about-us/company-profile

regulations. Therefore, the summary of the applicable regulations focuses on the State regulations and local ordinances that apply to the project's pool building and pool appliances (pumps, heaters, etc.).

The State of California's Code of Regulations (CCR) has several building standards (Title 24) and appliance efficiency regulations (Title 20) that would apply towards reducing the energy impacts of the project.

California Energy Efficiency Standards for Residential and Non-Residential Buildings. These energy efficiency standards, as provided in Title 24 Part 6 of the CCR, would apply to the design of the pool building and the pool. Specific design element requirements include designing the pool building to be "solar ready" and design the pools to have covers and the pool water recirculation piping to allow for the future addition of solar heating equipment.

California Green Building Standards Code. These building standards, as provided in Title 24 Part 11 of the CCR, would apply to the design of the pool building and grounds, and include a number of design and planning elements related to energy efficiency, water use efficiency and conservation, material conservation and resource efficiency, and environmental quality.

Appliance Efficiency Regulations. These efficiency regulations, as provided in Title 20 (Division 2, Chapter 4, Article 4) of the CCR, have efficiency standards for heaters that would apply to the pool heaters, efficiency standards for electric motors that would apply to the pool pump motors, and efficiency standards for heating, ventilation and air conditioning (HVAC) units that would apply to the pool buildings HVAC system.

The County also has also adopted a green building standard into the County Codes (Title 31) that applies to all new building construction and has a Park Design Guidelines and Standards manual that provides sustainability design goals including designing new park buildings to be able to meet a LEED Silver Certification level (County of Los Angeles, 2017). In this case the project will be designed to meet a LEED Gold Certification level.

There are no specific regulations or policies that relate to construction energy consumption or efficiency other than construction waste recycling policies and regulations that are related to the State's Climate Change Scoping Plan and the County's Climate Change Action Plan that may indirectly reduce energy consumption related to the project's fuel or materials use. Compliance and conformance with these waste recycling regulations and policies is discussed in subsection VIII. Greenhouse Gas Emissions.

The project's construction activities would employ standard construction methods for pools and buildings, as needed to meet the construction standards for new buildings and pools, and so would not be wasteful, inefficient, or unnecessarily consume energy resources during construction. The proposed project's construction would have less than significant energy resource consumption impacts.

The project would be designed to achieve a LEED Gold Certification, which would require construction elements that would reduce the energy impacts both from project construction and during project operation. Additionally, the project would be designed to comply with all State Title 20 appliance standards and Title 24 building efficiency and green building standards, as well as County Code Title 31 green building standards, that are designed to reduce energy consumption during project operation. These design features and requirements would ensure that the project's operation would not be wasteful, inefficient, or unnecessarily consume energy resources. The project's operation and maintenance would have less than significant energy resource consumption impacts.

b) **Less-Than-Significant Impact**. This project is not using land that was otherwise slated for renewable energy production and does not otherwise conflict with any state or local renewable energy plans. Therefore, this project's construction would not obstruct any State or local plans for renewable energy

and would conform with state and local plans for energy efficiency. The project's construction would have less than significant energy efficiency and renewable energy implementation impacts.

New construction, including the project, is required to meet all building standards applicable at the time that it submits for a building permit. These requirements include the County Code Title 31 Green Building Standards and the state CCA Title 24 Part 11 California Green Building Standards Code that are in effect at the time of the building permit application. The project will also be required to meet applicable Title 24 Part 6 Building Energy Efficiency Standards, which include that the pool building to be designed to be "solar ready", that the pool heating water recirculation piping to be designed to allow connection to a solar water heating system, and that the pools have installed covers. Additionally, the project would be required to obtain highly efficient natural gas fueled water heater(s) that meet Title 20 Appliance Efficiency requirements to reduce energy consumption. Also, the pool water pumps the must meet Title 20 motor efficiency and design requirements. Additionally, to comply with the County's Park Design Guidelines and Standards the project would be designed to be able to obtain LEED Gold Certification. The LEED certification process recognizes sustainable and environmentally friendly construction processes and materials decisions that reduce the environmental impacts as necessary to obtain a LEED Gold Certification. This would be accomplished by going above and beyond required Title 24 building efficiency and green building standards. The specifics of the design features that will be employed to meet this LEED rating, which could include rooftop solar or solar pool heating, are not currently known at this time. However, the project has committed to meeting this LEED rating standard. To obtain the LEED Gold Certification design features above and beyond these Title 24 and Title 20 requirements must be added to the project. Therefore, the project's operation and maintenance would not obstruct any State or local plans for renewable energy and would conform with state and local plans for energy efficiency. The project's operation would have less than significant energy efficiency and renewable energy implementation impacts.

	Potentially Significant Impact	**Less-Than-Significant Impact with Mitigation Incorporated**	**Less-Than-Significant Impact**	**No Impact**
VII. GEOLOGY AND SOILS. Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☒
ii) Strong seismic ground shaking?	☐	☐	☐	☒
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☐	☒
iv) Landslides?	☐	☐	☐	☒
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☐	☒

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
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?	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☒	☐

In 2015, the California Supreme Court in *California Building Industry Association v. Bay Area Air Quality Management District (CBIA v. BAAQMD)*, held that CEQA generally does not require a lead agency to consider the impacts of the existing environment on the future residents or users of a project. However, if a project exacerbates a condition in the existing environment, the lead agency is required to analyze the impact of that exacerbated condition on the environment. The decision from *CBIA v. BAAQMD* is applicable to analysis of some of the Appendix G questions for Geology and Soils.

a.i) **No Impact**. The project area lies within a region of several active faults and therefore is subject to risks and hazards associated with earthquakes. Several major faults are located within a 50-mile radius of the project area including the San Andreas, Whittier-Elsinore, Chino, Sierra Madre-Cucamonga and San Fernando. The Puente Hills fault system is comprised of three sections that run under downtown Los Angeles, through La Puente into the Coyote Hills of Orange County. The Puente Hills section of the Elysian Park blind thrust fault overlies the City of La Puente and project area.

The State of California has established a variety of regulations and requirements related to seismic safety and structural integrity, including the California Building Code, the Alquist-Priolo Earthquake Fault Zoning Act and the Seismic Hazards Mapping Act.

California Building Code. The California Building Code (CBC) is included in Title 24 of the California Code of Regulations and is a portion of the California Building Standards Code. The CBC incorporates the Uniform Building Code (now International Building Code), a widely adopted model building code in the United States. The CBC contains specific requirements for seismic safety, excavation, foundations, retaining walls and site demolition. It also regulates grading activities, including drainage and erosion control.

Alquist-Priolo Earthquake Fault Zoning Act. This Act (Alquist-Priolo Act) was passed to mitigate the hazard of surface faulting associated with surface fault rupture to structures for human occupancy. It prohibits the location of structures designed for human occupancy across active faults and regulates construction within fault zones. The law requires the State of California to establish regulatory zones around surface traces of active faults and to issue the appropriate maps. It also requires a geologic investigation in the event of new construction, to ensure that it will not be located on a fault zone.

The Seismic Hazards Mapping Act. The Seismic Hazards Mapping Act addresses seismic hazards such as strong ground shaking, soil liquefaction, and earthquake-related landslides. This act requires the State of California to identify and map areas that are at risk for these (and related) hazards. Cities and counties are also required to regulate development in the mapped seismic hazard zones. The primary method of regulating construction in these areas is through the permit process, and a permit cannot be issued until a geological investigation is completed.

In light of the California Supreme Court ruling in *CBIA v. BAAQMD*, the potential for substantial adverse effects on people or structures from strong seismic ground shaking from earthquakes would generally not be an impact under CEQA unless it results from the project exacerbating the existing environmental condition. The proposed project (construction and operation) would not exacerbate potential rupture of earthquake faults.

a.ii) **No Impact**. While strong seismic ground shaking can be expected in the project area due to proximity to known faults, as discussed above, the proposed project would not exacerbate potential ground shaking. The project (construction and operation) would be required to comply with existing regulations designed to address earthquake hazards,

a.iii) **No Impact**. The project area including the project site is within a liquefaction zone.[13] Development of the project would be required to comply with state law that requires that projects be designed to address local soil conditions. A geotechnical study will be prepared prior to design and construction and would provide the required information to enable the design of the swimming pools and pool house to meet applicable requirements. Therefore, by integrating the appropriate design features, the proposed project (construction and operation) would have no impact with respect to exacerbating existing conditions related to seismic ground failure resulting from liquefaction.

a.iv) **No Impact**. The project site is flat and not in the vicinity of any area subject to landslides.

b) **No Impact**. During ground-disturbing construction activities, standard erosion control BMPs including perimeter controls (e.g., straw waddles, hay bales or silt fences), containment measures (i.e., covering stockpiles) and other controls (storm drain inlet protection, street sweeping, stabilized entrance/exit) would be implemented as required in the Construction General Permit. This permit is required for all projects that disturb one or more acres of soil. In addition, construction work would be temporarily suspended during any significant rain event. Standard erosion control BMPs included in the proposed project would be sufficient to prevent substantial erosion or loss of topsoil within active work areas. Project operation would result in no additional impacts. Therefore, the project would result in no impact from soil erosion or the loss of topsoil.

c) **No Impact**. As noted above, the project area including the project site is within a liquefaction zone; the project (construction and operation) would not exacerbate existing soil conditions and would be required to undertake a geotechnical study to assess site conditions and design the project to address site soils.

d) **No Impact**. Much of California including the project area includes expansive soils that swell when they absorb water and shrink when they lose water. Such soils my become unstable during

[13] La Puente General Plan, Adopted May 2004 (https://lapuente.org/wp-content/uploads/2019/09/2004GeneralPlan.pdf)

groundshaking. Structural design of new facilities is required to address such soils as may be appropriate by pre-wetting such soils, removing and replacing them, chemical treatment or other methods. The project (construction and operation) would not exacerbate existing soil conditions and would be required to undertake a geotechnical study to assess site conditions and design the project to address site soils.

e) **No Impact**. The project would connect to the existing sewer system and would not require the use of septic systems.

f) **Less-Than-Significant Impact**. There are no known paleontological resources or unique geologic features on the site. According to the Los Angeles County Natural History Museum, no known paleontological resources have been recorded within a quarter mile of the property. The closest recorded fossil sites are in the Puente Hills, located approximately four miles south of the project location. The recovered fossils are identified primarily as marine vertebrates (fish) dating to the Miocene Epoch. This formation may lie beneath the project address, but at a considerable depth.[14] The project would involve excavation to a depth of about 15 feet and is not expected to encounter paleontological resources.

In addition, California Penal Code Section 622.5 provides the following:

> *Every person, not the owner thereof, who willfully injures, disfigures, defaces, or destroys any object or thing of archeological or historical interest or value, whether situated on private lands or within any public park or place, is guilty of a misdemeanor.*

Public Resources Code Section 5097.5 (a) states, in part, that:

> *No person shall knowingly and willfully excavate upon, or remove, destroy, injure, or deface, any historic or prehistoric ruins, burial grounds, archaeological or vertebrate paleontological site, including fossilized footprints, inscriptions made by human agency, rock art, or any other archaeological, paleontological or historical feature, situated on public lands, except with the express permission of the public agency having jurisdiction over the lands.*

Compliance with existing regulations would result in a less than significant impact during construction and no additional impact would occur during operation.

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
VIII. GREENHOUSE GAS EMISSIONS. 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?	☐	☐	☒	☐

[14] Cultural Resources Records Search Results for the San Gabriel Valley Aquatics Center, City of La Puente, Los Angeles County, CA, WH Bonner Associates, April 23, 2021; see **Appendix B**.

a) **Less-Than-Significant Impact**. Greenhouse gases are gases that trap heat in the atmosphere and are emitted by natural processes and human activities. Examples of GHGs that are produced both by natural processes and by industry include carbon dioxide (CO2), methane (CH4), and nitrous oxide (N2O). The accumulation of GHGs in the atmosphere regulates the earth's temperature. GHGs have varying amounts of global warming potential (GWP). The GWP is the ability of a gas or aerosol to trap heat in the atmosphere. By convention, CO2 is assigned a GWP of 1. In comparison, CH4 per the IPCC's Fourth Assessment Report has a GWP of 25, which means that it has a global warming effect 25 times greater than CO2 on an equal-mass basis. To account for their GWP, GHG emissions are often reported as CO2e (CO2 equivalent). The CO2e for a source is calculated by multiplying each GHG emission by its GWP, and then adding the results together to produce a single, combined emission rate representing all GHGs.

Regulation of GHGs is a relatively new component of air quality. Several legislative actions have been adopted to regulate GHGs on a federal, State, and local level. There are several State and local greenhouse gas emissions reduction regulations, goals, and policies that would apply directly or indirectly to the project's construction and operation.

California Governor's Office of Planning and Research, Guidelines on GHG (SB 97). In late December 2009, the California Natural Resources Agency adopted certain amendments to the State CEQA Guidelines for reviewing the environmental impacts of greenhouse gas emissions to implement the California Legislature's directive in PRC Section 21083.05 (enacted as part of SB 97). As part of the administrative rulemaking process, the Natural Resources Agency developed a Final Statement of Reasons explaining the legal and factual bases, intent, and purpose of the CEQA Guidelines amendments. The Final Statement of Reasons guides the scope of GHG analyses for CEQA documents and addresses the subject of life-cycle analysis. Life-cycle analysis (i.e., assessing economy-wide GHG emissions from the processes in manufacturing and transporting all raw materials used in developing a given project and infrastructure) depends on emission factors or econometric factors that are not well established for all processes. The basis of State CEQA Guidelines set forth by the California Natural Resources Agency indicate that a full life-cycle analysis would be beyond the scope of a given CEQA document because of a lack of consensus guidance on life-cycle analysis methodologies.

California Governor's Executive Orders on GHG Emissions. The California Governor's Executive Order S-3-05 (June 2005) declared California's particular vulnerability to climate change and sets a target of an 80 percent reduction of California greenhouse gas emissions from 1990 levels by 2050 and a target to achieve 1990 levels by 2020. In response to Executive Order S-3-05 and increasing societal concern about the effects of climate change, the California Legislature enacted California Global Warming Solutions Act of 2006, Assembly Bill 32 (AB 32). In passing the bill, the California Legislature found that:

> Global warming poses a serious threat to the economic well-being, public health, natural resources, and the environment of California. The potential adverse impacts of global warming include the exacerbation of air quality problems, a reduction in the quality and supply of water to the state from the Sierra snowpack, a rise in sea levels resulting in the displacement of thousands of coastal businesses and residences, damage to marine ecosystems and the natural environment, and an increase in the incidences of infectious diseases, asthma, and other human health-related problems [HSC Section 38501, Division 25.5, Part 1].

In September 2018, Executive Order B-55-18 established a new statewide goal to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter. The ARB was directed to develop the framework for implementing the goal of carbon neutrality. Executive Order B-30-15 (April 2015) established a California greenhouse gas reduction target of 40 percent below 1990 levels by 2030. One purpose of this interim target is to ensure

California meets its target of reducing greenhouse gas emissions to 80 percent below 1990 levels by 2050. This executive order also specifically addresses the need for climate adaptation and directs state agencies to update the California Climate Adaptation Strategy to identify how climate change will affect California infrastructure and industry and what actions the state can take to reduce the risks posed by climate change. Senate Bill 32 (SB 32) of 2016 codified the GHG emissions target to 40 percent below the 1990 level by 2030.

California Renewables Portfolio Standard (RPS) Program. Electric utilities in California must procure a minimum quantity of the sales from eligible renewable energy resources as specified by RPS requirements. The Clean Energy and Pollution Reduction Act of 2015 (SB 350), signed into law on October 7, 2015, established California's state policy objectives on long-term energy planning and procurement. The 100 Percent Clean Energy Act of 2018 [Senate Bill 100 (SB 100)] revised the RPS targets to establish the policy that eligible renewable energy resources and zero-carbon resources supply 100 percent of retail sales of electricity to California end-use customers and 100 percent of electricity procured to serve all state agencies by December 31, 2045. With SB 350 and SB 100, California's renewable energy objectives include:

- To set the Renewable Portfolio Standard (RPS) for the procurement of California's electricity from renewable sources at 33 percent by 2020, 50 percent by 2026, and 60 percent by 2030;
- To plan for 100 percent of total retail sales of electricity in California to come from eligible renewable energy resources and zero-carbon resources by December 31, 2045; and
- To double the energy efficiency savings in electricity and natural gas end uses by retail customers by 2030.

The RPS program will indirectly reduce the project's GHG emissions over the life of the project as the GHG emissions from the electricity used during the project go down over time.

AB 32 Climate Change Scoping Plan and Scoping Plan Updates. With AB 32, the 2020 GHG emissions reduction goal became law and requires California to maintain and continue reductions beyond 2020. AB 32 also directed the ARB to develop regulations and market mechanisms to reduce GHG and prepare a scoping plan to identify how best to reach the 2020 limit. AB 32 requires ARB to update the Scoping Plan at least every five years. Accordingly, the 2017 Scoping Plan Update, approved on December 14, 2017, provides the strategy for achieving California's 2030 target in SB 32. The initial AB 32 Climate Change Scoping Plan identified the strategies for achieving the maximum technologically feasible and cost-effective GHG reductions by 2020, and to maintain and continue reductions beyond 2020. The first statewide AB 32 Scoping Plan was adopted by ARB in December 2008, and the ARB approved the Updates to the Scoping Plan in 2014 and 2017. The project itself conforms with the renewable energy objectives of the Scoping Plan, and at least one regulation that has come from enacting the climate change strategies in the Scoping Plan, the Low Carbon Fuel Standard (LCFS), would cause a small reduction in the direct GHG emissions during project construction and operation.

California Appliance Efficiency Standards, Green Building and Building Efficiency Codes. Titles 20 and 24 of the California Code of Regulations (CCR) include requirements on building standards and design and efficiency for appliances, such as water and space heaters and pumps that directly and indirectly reduce GHG emissions. The project would be required to meet these design codes and efficiency standards.

Unincorporated Los Angeles County Community Climate Action Plan 2020 and Los Angeles County General Plan. The County of Los Angeles adopted a Climate Change Action Plan that includes several policies that have also been incorporated into the Air Quality Element of the General Plan:

Goal AQ 3: Implementation of plans and programs to address the impacts of climate change.

- Policy AQ 3.1: Facilitate the implementation and maintenance of the Community Climate Action Plan to ensure that the County reaches its climate change and greenhouse gas emission reduction goals.
- Policy AQ 3.2: Reduce energy consumption in County operations by 20 percent by 2015.
- Policy AQ 3.3: Reduce water consumption in County operations.
- Policy AQ 3.4: Participate in local, regional and state programs to reduce greenhouse gas emissions.
- Policy AQ 3.5: Encourage energy conservation in new development and municipal operations.
- Policy AQ 3.6: Support rooftop solar facilities on new and existing buildings.
- Policy AQ 3.7: Support and expand urban forest programs within the unincorporated areas.
- Policy AQ 3.8: Develop, implement, and maintain countywide climate change adaptation strategies to ensure that the community and public services are resilient to climate change impacts.

Policies AQ 3.3, 3.5, 3.6 would apply at the project level and could potentially apply to the project.

Los Angeles Countywide Sustainability Plan. The County of Los Angeles adopted the "Our County Los Angeles Countywide Sustainability Plan" in August 2019. This sustainability plan includes the following goals, strategies, and actions that could apply to the project:

Goal 2: Buildings and infrastructure that support human health and resilience.

- Strategy 2B: Require sustainable and healthy building design and construction.
  - Action 31: Adopt CALGreen Tier 1 green building standards and identify which Tier 2 standards could be adopted as code amendments.
  - Action 32: Pilot high performance building standards for new County buildings beyond the current LEED Gold standard, such as Passive House, Zero Net Energy, Net Zero Water, Net Zero Waste, the Living Building Challenge and the WELL Building Standard.

  For these Goal 2 actions there are the following target dates:

  1. By 2025: All new buildings and 50% of major building renovations to be net zero carbon
  2. By 2035: 75% of major building renovations to be net zero carbon
  3. By 2045: 100% of major building renovations to be net zero carbon

Goal 6: Accessible parks, beaches, recreational waters, public lands, and public spaces that create opportunities for respite, recreation, ecological discovery, and cultural activities

- Strategy 6A: Improve access to parks, beaches, recreational waters, public lands, and public spaces.
  - Action 75: Implement Community Parks and Recreation Plans, and park projects identified in the LA Countywide Comprehensive Parks and Recreation Needs Assessment, with priority given to those in Very High/High Need Study Areas.

  For this Goal 6 action there are the following target dates:

  1. By 2025: Increase to 65% the proportion of residents within half a mile of parks and open space
  2. By 2035: Increase to 75% the proportion of residents within half a mile of parks and open space
  3. By 2045: Increase to 85% the proportion of residents within half a mile of parks and open space

- Strategy 6C: Utilize sustainability best practices in the design and management of parks and recreational facilities.
  - Action 83: Design, renovate, and manage parks and park facilities to meet the Sustainable Sites Initiative's gold certification, or equivalent, for sustainable and resilient land development projects.

No target dates have been established for this Goal 6 action.

The County has not adopted a specific GHG project-level emissions threshold for any project type. For project-level implementation the General Plan used SCAQMD's proposed, screening-level threshold of 3,000 MTCO2e per year (with more detailed review if projects exceed this screening threshold). The project is reviewed against this threshold as well as qualitatively with respect to consistency with applicable plans and polices. This screening threshold is conservative, as this project includes stationary sources, which have a separate SCAQMD threshold of 10,000 MTCO2e per year. Similar to industrial uses the project includes stationary sources; the project is not a residential or employment generator. The other threshold used in this analysis is a qualitative threshold: the project would be consistent with State, regional and County policies to reduce GHG emissions and would not be a substantial source of GHG emissions.

The SCAQMD recommended threshold is compared with the worst-case annual project emission that are based on project life (30-year project life) amortized construction emissions plus the worst- case year (initial year) operation emissions. The conservatively estimated annual emissions associated with the project, compared to the screening emissions threshold are summarized in **Table 8**. Appendix A includes the GHG emissions estimate calculations and assumptions for project construction and operation.

Table 8 shows that the project's construction would have GHG emissions that are well below the screening level threshold and therefore the project is determined to have less than significant GHG emissions impacts (see Appendix A).

Table 8
Greenhouse Gas Emissions – Construction and Operation

Emissions Source	**GHG Emissions (metric Tons CO2e/yr)**
Area Emissions	0.00
Energy Use	0.00
Mobile Source	704.56
Stationary Source	737.90
Waste	53.08
Water Use	12.66
Amortized annual construction emissions[a]	10.23
TOTAL	**1,518.44**

Source: Air Quality modeling; see **Appendix A**
[a.] Total construction emissions are amortized over the anticipated 30-year life of the project

b) **Less-Than-Significant Impact**. The project would temporarily generate a relatively small amount of GHG emissions from off-road equipment uses and on-road vehicle trips during construction. Regulations like the California Vehicle Standards and Low Carbon Fuel Standard do not directly apply to the project, but the project would comply indirectly during construction (by using compliant California vehicles and fuels). GHG emissions reduction strategies related to waste reduction do apply, including state waste diversion and reduction plans and in the Unincorporated Los Angeles County

Community Climate Action Plan's Waste Reduction, Reuse, and Recycling "SW" Waste Diversion Goal action. The County of Los Angeles Department of Public Works has committed to recycling construction wastes to the extent feasible to meet these emissions reduction goals.

The proposed project's construction would conform to State and local GHG emissions reduction/climate change regulations and policies/strategies; therefore, the proposed project's construction would have less than significant impacts.

Climate change is a global phenomenon, and the regulatory background and scientific data are changing rapidly. In 2016, the California state legislature adopted Senate Bill (SB) 32, which furthers the GHG emissions reductions goals started by Assembly Bill (AB) 32, the California Global Warming Solutions Act of 2006. The 2017 Climate Change Scoping Plan (CARB, 2017), prepared to address SB 32, provides new and updated strategies to meet the State's GHG emissions reduction goal of 40 percent below 1990 GHG emission levels by 2030.

The Office of the California Attorney General maintains a website that addresses mitigation for greenhouse gases.[15] This website provides links to documents that list potential CEQA mitigation measures for global climate change impacts. These documents tend to focus on the discussion of measures that are recommended to be added to planning documents, rather than the identification of measures that would be applicable to specific types of development projects.

Operation GHG emissions would be emitted directly from on-site water heating and from vehicles accessing the site, and indirectly from electricity use at the site, waste generated at the site, and water use at the site. Estimated direct GHG emissions of the proposed project during operation would be well below the threshold of the federal and State mandatory reporting regulation. The project's GHG emissions also would not trigger regulatory action under the federal 40 CFR Part 52 and the State Cap-and-Trade regulations.

The project would be designed to meet all applicable regulations including the following:

- Where applicable, the construction activities within the pool building and pool design/pool appliance design (heaters/pumps) would be designed to meet or exceed any applicable Title 24 Part 6 requirements.
- Where applicable, the construction activities within the pool building would be designed to meet or exceed any applicable Title 24 Part 11 requirements.
- Where applicable, the appliances that are included in the project's design (pool and other water heaters, pool pumps, air conditioning/heating, etc. would be designed to meet or exceed the Title 20 efficiency standards.
- As applicable and appropriate the project would comply with SB 32 Climate Action Emissions Reductions Strategies. Almost all of the GHG emissions reductions strategies contained in this plan do not apply to this project, are otherwise regulated in Title 24 or Title 20 regulations, or like the California Vehicle Standards and Low Carbon Fuel Standard do not directly apply to the project, but the project would comply indirectly (by using compliant California vehicles and fuels). Also, strategies related to waste reduction apply to this project.
- The project would be designed to include all applicable and feasible actions listed in the County's Climate Action Plan. This includes complying with the applicable Green Building and Energy "BE" actions, Land Use and Transportation "LUT" actions.
- The project would have to meet current California building codes that would ensure that the applicable climate change policies in the General Plan, including: 1) requiring designing the pool with a cover to reduce one of the largest sources of water use, evaporation (Policy AQ 3.3); 2) designing the project to meet all California Title 24 Building Energy Efficiency

[15] https://oag.ca.gov/environment/ceqa/measures

Standards and Green Building Standards, and Title 20 Appliance Efficiency Regulation standards (Policy AQ 3.5); and making the building solar ready per Title 24 requirements (Policy AQ 3.6).

- The project would be designed to address Los Angeles County Code Title 31 Green Building Standards.
- The project would be required to meet the County of Los Angeles Park Design Standards design standards related to GHG emissions reduction, such as the LEED Gold Certification design requirements, that are included in these guidelines.
- The project is planned to be built before the initial target dates for new construction projects. However, the project is being designed to meet the Sustainability Plan's Goal 6 Action 83 LEED Gold Certification design goal for new park projects, and its construction would help the county achieve its Action 6 Strategy 6A goals related to population access to park facilities.

Therefore, the project (construction and operation) would not conflict with any applicable plan, policy or regulation adopted for the purpose of reducing greenhouse gas emissions and impacts would be less than significant.

	Potentially Significant Impact	**Less-Than-Significant Impact with Mitigation Incorporated**	**Less-Than-Significant Impact**	**No Impact**
IX. HAZARDS AND HAZARDOUS MATERIALS. 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?	☐	☐	☐	☒

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☐	☒

In 2015, the California Supreme Court in *California Building Industry Association v. Bay Area Air Quality Management District (CBIA v. BAAQMD)*, held that CEQA generally does not require a lead agency to consider the impacts of the existing environment on the future residents or users of a project. However, if a project exacerbates a condition in the existing environment, the lead agency is required to analyze the impact of that exacerbated condition on the environment. The decision from *CBIA v. BAAQMD* is applicable to analysis of some of the Appendix G questions for Hazards and Hazardous materials.

a) **Less-Than-Significant Impact**. During construction, the temporary storage and use of potentially hazardous petroleum hydrocarbon fuels and lubricants at the project site would occur. Other potentially hazardous materials may also be used. The delivery of hazardous materials to the project site would be made by carriers following 49 CFR Part 173. In addition, the transportation of hazardous materials would be subject to 49 CFR Part 172 which contains the hazardous materials communication requirements including shipping papers, marking, labeling and placarding, in addition to emergency response requirements, training, and security plan. By following proper handling, health and safety practices, hazards communication, and emergency response procedures, the routine transport or use of hazardous materials at the project site would result in a less than significant impact.

The project includes operations and maintenance activities that would result in the periodic transport of hazardous materials to (and from) the project site. Typical hazardous materials may include chlorine (if used) for the swimming pools, and various potentially hazardous materials used for facility maintenance. The planned pool building is proposed to have a chemical delivery area with chemical storage inside of the building. No other routine storage or use of hazardous materials is planned. The delivery of hazardous materials to the project site (or disposal from the project site) would be made by carriers following 49 CFR Part 173. In addition, the transportation of hazardous materials would be subject to 49 CFR Part 172 which requires that hazardous materials communication requirements including shipping papers, marking, labeling and placarding, in addition to emergency response requirements, training, and a security plan. By following proper handling, health and safety practices, hazards communication, and emergency response procedures, impact the routine transport or use of hazardous materials at the project site would result in a less than significant impact.

b) **Less-Than-Significant Impact**. The project would require the use of heavy equipment during construction. There is a potential for release of fuels and/or lubricants during construction. Hazardous materials associated with swimming pool maintenance such as chlorine (if used), and other potentially hazardous materials for facility maintenance could be subject to reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment. However, the contractor would have an approved Spill Prevention Countermeasure and Control (SPCC) plan in place to address any releases that may occur during construction activities. Containment measures also would be implemented as required in the Construction General Permit.

Proper handling, health and safety practices, hazard communication, and emergency response training would be provided to all construction and facility personnel responsible for using these hazardous materials. An SPCC would be prepared to address proper handling and emergency response to accidental releases of any hazardous materials used and/or stored on-site. Therefore, the project (construction and operation) would have a less than significant impact with regards to creating a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials.

c) **Less-Than-Significant Impact**. The project is located within about one-quarter mile of four existing schools. These include the adjoining (non-operational) Temple Academy public elementary school; the Sparks Elementary and Junior High Schools about 1,400 feet to the south; and the Nelson Elementary School about 1,400 feet to the southwest. Construction activities would involve mainly occasional fueling of heavy equipment. With proper storage and handling, the impact is less than significant.

Liquid pool chlorine may be used as a sanitizer for the pools. If used, an accidental spill of chlorine liquid may release gas into the environment. An SPCC would be prepared to address proper handling and emergency response to accidental releases. With proper storage and handling, and the small quantities of chlorine available to produce a hazardous emission, the impact would be less than significant.

d) **Less-Than-Significant Impact**. The project site is not a listed hazardous materials site pursuant Government Code §65962.5 (Cortese List). The project site is located in an area where volatile organic compounds (VOCs) have been identified in groundwater. Groundwater in the project area is approximately 70 feet below ground surface (bgs) and would not be encountered during construction.

The area of the San Gabriel Valley in the vicinity of the project site is listed on the National Priority List (NPL), Superfund Enterprise Management System (SEMS), Engineering Controls Sites List (US ENG CONTROLS), Records of Decision (ROD), Integrated Compliance Information System (ICIS), Facility Index System/Facility Registry System (FINDS), Enforcement Compliance History Online (ECHO), and Potentially Responsible Parties (PRP) databases. According to the information provided, regional groundwater throughout the San Gabriel Valley has been documented as being impacted by trichloroethylene (TCE), tetrachloroethylene (PCE), 1,1-dichloroethene (1,1-DCE), and 1,4-dioxane. The groundwater plume is approximately 5 square miles in size and exists along the axis of the San Jose Creek in the San Gabriel groundwater basin in La Puente. The USEPA, Los Angeles Regional Water Quality Control Board (LARWQCB), Department of Toxic Substances Control (DTSC), the Main San Gabriel Basin Watermaster, and the San Gabriel Basin Water Quality Authority are the lead agencies responsible for investigations and remedial activities. Remedial solutions adopted thus far have included an extraction and treatment system which consists of extraction wells. The project site is not included in the list of significant or responsible sites or parties. Three wells are located adjacent to the project site (across Temple Avenue, 90 feet from the proposed parking lot) with additional wells adjacent to the northeast and southeast of the adjoining Allen J. Martin park. According to the San Gabriel Valley Basin Groundwater Quality Management and Remediation Plan, dated March 18, 2020 by the San Gabriel Basin Water Quality Authority, these wells are associated to the Puente Valley Operable Unit for the monitoring of shallow and intermediate zone groundwater. According to the figures in the report, updated February 13, 2020, the contaminant plume that underlies the project site contains volatile organic compounds (VOCs) that are greater than one times the maximum contaminant level (MCL). Given the identification of groundwater impacted with VOCs and shallow groundwater (less than 100 feet bgs), the plume may be located under the project site which could result in vapor rising through soils into any on-site buildings.

A Phase II Environmental Site Assessment sol vapor survey was undertaken to assess the project site for potential vapor intrusion (see **Appendix C2**). The soil vapor survey found 2 out of the 13 soil vapor samples collected and analyzed contained detectable concentrations of VOCs (benzene and

ethylbenzene). These detections slightly exceed the residential screening level thresholds, are not indicative that a significant subsurface chemical release has occurred at the project site and are unlikely to create a vapor intrusion condition within the future structure. The project would not result in exposures approaching residential use (where exposure can be 24 hours a day over several years) and therefore the use of a residential screening criteria is conservative. Nonetheless, since the proposed use is on a school site to address potential VOCs in groundwater beneath the site, a vapor intrusion barrier would be installed beneath the proposed on-site building(s) as a proactive/conservative measure.

HAZ-1: A vapor intrusion barrier, designed by an architect/engineering team familiar with vapor barrier designs and installations, shall be installed beneath on-site project buildings. Follow up testing to be undertaken to verify the barrier is functioning as recommended by the design team.

None of the proposed improvements (swimming pools, pool building and park) would reasonably foreseeably cause the project site to be listed as a hazardous materials site.

The project (construction and operation) would have less than significant impact with respect to site contamination.

e) **No Impact**. The project site is not located within two miles of a public airport or public use airport**.**

f) **No Impact**. The project includes construction of two swimming pools, a pool building and park facilities. The project (construction and operation) would not cause any changes that would impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. The project would not cause any public road closures that could block emergency access and changes in traffic associated with the project would be incremental and would not affect emergency response or evacuation planning. Therefore, the project (construction and operation) would have no impact on emergency response plans or emergency evacuation.

g) **No Impact**. The proposed project includes construction of two swimming pools and a pool building and is located within an urbanized area with concrete and asphalt paving, and other various residential, commercial and industrial development. Landscape features include lawns (non-native grasses), various ornamental trees and various shrubs. The proposed building would have fire suppression system as required by local fire and building codes. The building would be constructed of materials that provide limited fuel. The project site is not located within an area where wildland fires occur, nor is it located within an area designated as a Fire Hazard Severity Zone / Very High Fire Hazard Severity Zone. Therefore, the project (construction and operation) would not expose people or structures to a significant risk of loss, injury or death involving wildland fires and consequently, represents no impact.

	Potentially Significant Impact	**Less-Than-Significant Impact with Mitigation Incorporated**	**Less-Than-Significant Impact**	**No Impact**
X. HYDROLOGY AND WATER QUALITY. Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☒	☐

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
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 off-site;	☐	☐	☒	☐
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv) impede or redirect flood flows?	☐	☐	☐	☒
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	☒
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

In 2015, the California Supreme Court in *California Building Industry Association v. Bay Area Air Quality Management District (CBIA v. BAAQMD)*, held that CEQA generally does not require a lead agency to consider the impacts of the existing environment on the future residents or users of a project. However, if a project exacerbates a condition in the existing environment, the lead agency is required to analyze the impact of that exacerbated condition on the environment. The decision from *CBIA v. BAAQMD* is applicable to analysis of some of the Appendix G questions for Hydrology.

a) **Less-Than-Significant Impact**. The existing site includes paving and grassy areas and already generates typical urban pollutants.

The proposed project would comply with all applicable regulations with regard to surface water quality including the LA County Code.

Chapter 12.84 of the LA County Code requires the use of Low Impact Development (LID) principles in development projects. LID encourages site sustainability and smart growth in a manner that respects and preserves the characteristics of the County's watersheds, drainage paths, water supplies and natural

resources. LID builds on conventional design strategies by using every softscape and hardscape surface in the development to perform a beneficial hydrologic function by retaining, detaining, storing, changing the timing of, or filtering stormwater and urban runoff. LID encompasses the use of structural devices, engineered systems, vegetated natural designs, and education in order to distribute stormwater and urban runoff across a development site. Over the past decade, LID has emerged along with technologies and practices that allow a sustainable stormwater management strategy to control stormwater and urban runoff at the source rather than centralized, end-of-pipe controls, LID relies on an integrated system of decentralized, small-scale control measures. These measures range from site design practices to technology driven LID BMPs. LID attempts to offset the effects of development and changes in land cover by preserving or restoring predevelopment hydrology and water quality through a series of small-scale, decentralized, natural, and engineered controls at or near the point where the stormwater is generated. It is a source control option that minimizes stormwater pollution by recognizing the greatest efficiencies are gained by minimizing stormwater generation. This is a process that begins with functional conservation of watershed resources, reducing impacts of development, and then using innovative management practices to meet the stormwater objective. Site preservation practices coupled with small-scale BMPs that rely on the environmental services of vegetation and soils or systems that mimic these services comprise the control approach of LID. These practices, taken in aggregate, limit the observed hydromodification on a developed site and present a more comprehensive and beneficial control approach. To appropriately implement LID, it is important to assess its role in water quality protection. LID is one part of a toolkit that can be used to better manage natural resources and limit the pollution delivered to waterways. It is not independent of watershed planning. To gain optimal benefits, LID must be integrated with appropriate land use programs. LID, by itself, will not deliver the water quality outcomes desired; yet, it provides enhanced stormwater treatment and mitigates excess volume and flow rates. However, if not integrated in a comprehensive fashion, LID techniques can end up as a series of uncoordinated innovative BMPs that have limited water quality benefits. BMPs include minimizing and disconnecting impervious surfaces and maximizing infiltration by various means.

Construction activities would include maintenance/operation of construction equipment and handling/storage/disposal of materials that could contribute to pollutant loading in storm water runoff. During project construction, management of storm water discharge would be controlled by BMPs as part of the Construction General Permit and would meet discharge requirements. Surface water would be diverted to existing storm drains. There would be no other waste discharges associated with the project. Therefore, the project would not violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality. Less than significant impacts would occur.

Operational activities would include vehicles in the parking area as well as use of pool cleaning equipment and chemicals. These chemicals would be stored in accordance with existing regulations to ensure no potential for spillage. Following construction, management of storm water discharge will be controlled by surface drainage conveyance to existing storm drains maintained by the Los Angeles County Flood Control District. Those areas within the project that are not covered with hardscape (vegetated softscape) would allow for limited infiltration. There would be no other waste discharges associated with the project. Therefore, the project would not violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality.

Section 12.80 of the County Code protects the health and safety of the residents of the County by protecting the beneficial uses, marine habitats, and ecosystems of receiving waters within the County from pollutants carried by stormwater and non-stormwater discharges. The intent of this section is to enhance and protect the water quality of the receiving waters of the County and the United States. Section 12.80 applies to the discharge, deposit, and disposal of any stormwater and/or runoff to the storm drain system and/or receiving waters within any unincorporated area covered by a NPDES municipal stormwater permit.

The project would be connected to existing storm water infrastructure and therefore, through this and with compliance with existing regulations, impacts to water quality would be less than significant.

b) **No Impact**. The project would not involve any withdrawals from an aquifer or groundwater table and would not substantially deplete groundwater supplies. Potable water is provided by the Suburban Water Systems – San Jose District. Although not specified, non-potable water could be supplied from existing nearby hydrants. Overall increase in water use is considered nominal and no new wells would be required. The project would not interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level. Development of the project would incrementally increase the amount of impervious surface. Landscaping (vegetative softscape) would allow groundwater seepage, but not in quantities that could substantially increase groundwater recharge. No impact would occur from construction or operation.

c.i) **Less-Than-Significant Impact**. During project construction, management of storm water run-off and offsite discharge would be controlled by BMPs as part of the Construction General Permit. Following construction, storm water would be diverted to existing storm drains. Operation of the park area and landscaping would allow for some percolation but would be of such a small size any soils would not result in substantial erosion or siltation. The project (construction and operation) would not 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. Less than significant impacts would occur.

c.ii) **Less-Than-Significant Impact**. The current use of the project site is for parking, and a grassy play field. Surface run-off is currently directed to existing storm drains. During construction, management of storm water run-off and offsite discharge would be controlled by BMPs as part of the Construction General Permit. The project (construction and operation) would not cause a substantial increase in the rate or amount of surface run-off in a manner which would result in flooding on or off site. Less than significant impacts would occur.

c.iii) **Less-Than-Significant Impact**. The current use of the project site is for parking, and a grassy playing field. Surface run-off is currently directed to existing storm drains. During construction, management of storm water run-on and offsite discharge would be controlled by BMPs as part of the Construction General Permit. During operation storm water would continue to be diverted to existing storm drains. Landscaping would allow for some percolation. The project (construction and operation) would not result in a substantial increase of runoff from the site and, therefore, would not generate additional runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional surfaces of polluted runoff. Less than significant impacts would occur.

c.iv) **No Impact**. The project would not impede or redirect flood flows during construction activities. The operation of the project would not significantly alter the existing drainage pattern of the site or area, including through the alteration of existing stormwater drainage facilities or through the addition of impervious surfaces. As such, there would be a less than significant impact on impeding or redirecting flood flows.

d) **No Impact**. The project site is not located within a 100-year or 500-year flood zone. Regional drainage infrastructure adequately protects the City and project area from flooding associated with storm events. The project area including the project site is within the Puddingstone Reservoir Flood Inundation Area.[16] The Puddingstone Reservoir is located in the City of San Dimas near the junction of SR-57 and I-110. In the unlikely event of catastrophic failure, floodwaters would extend throughout the area within two to three hours. However, the project would not substantially change the existing condition.

[16] La Puente General Plan, Adopted May 2004 (https://lapuente.org/wp-content/uploads/2019/09/2004GeneralPlan.pdf)

Any flooding associated of the project site resulting in inundation would not release pollutants, therefore no impact would occur.

e) **Less-Than-Significant Impact**. The project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan. During construction, management of storm water run-off and offsite discharge would be controlled by BMPs as part of the Construction General Permit. The project would not significantly alter management of potential contaminants that could affect water quality. As such, there would be a less than significant impact.

Operation of the project would result in storm water being diverted to existing storm drains; other discharge would be to the sanitary sewer. Operation and maintenance activities, therefore, would not significantly alter contaminants that could affect water quality. Landscaping would allow some groundwater seepage, but not in quantities that could impact water quality and management. As such, there would be a less than significant impact.

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

a) **Less-Than-Significant Impact**. A community may be divided if a project were to introduce a physical barrier through that community. The project would replace an existing school use with a public recreational use and would connect to an existing recreational use potentially further connecting the existing community. The project (construction and operation) would not represent a substantial change in use and would not have the potential to divide an existing established community.

b) **Less-Than-Significant Impact**. Operation and maintenance of the project would not result in any change to established land uses surrounding the project area. The project would be designed consistent with the County's Park Design Guidelines and Standards, in particular with the requirements for pool buildings and pool facilities included in Parts 3.3 and 5.9, respectively. Although the site is zoned for light agricultural use (A-1-6000), it is completely urban and surrounded by urban uses and as documented in this Initial Study/Mitigated Negative Declaration would not result in a significant environmental impact on adjacent uses. The recreational facility would be a continuation of recreational use that would complement the adjacent Allen J. Martin Park as well as the adjacent elementary school or future community-oriented use that may locate there. As documented in this Initial Study the project (construction and operation) would not result in any significant adverse impacts.

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

a) **No Impact**. According to the Los Angeles County General Plan EIR, the project site is not located within a mapped MRZ as mapped by the State of California Department of Conservation. There is an MRZ-2 zone about ½ mile to the northwest. The project area is fully developed with urban uses. Mining activities are considered incompatible with urban development. As there are no known mineral resources located in the project area, which is developed with a school, no impact would occur.

b) **No Impact**. No mineral resources are identified by the Los Angeles County General Plan within the project site, which is developed with a school. Therefore, construction and operation of the project would not result in the loss of any locally important mineral resource recovery site. No impact would occur.

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

a) **Less-Than-Significant Impact**. The proposed project would generate noise during both construction and operation.

Characteristics of Sound

Sound is technically described in terms of the loudness (amplitude) and frequency (pitch) of the sound. The standard unit of measurement for sound is the decibel (dB). The human ear is not equally sensitive to sound at all frequencies. The "A-weighted scale," abbreviated dBA, reflects the normal hearing sensitivity range of the human ear. On this scale, the range of human hearing extends from approximately 0 to 140 dBA.[17] **Figure 5** provides examples of A-weighted noise levels from common sounds.

Noise Definitions

This noise analysis discusses sound levels in terms of Community Noise Equivalent Level (CNEL), Day-Night Noise Level (L_{dn}), and Equivalent Noise Level (L_{eq}).

Community Noise Equivalent Level (CNEL). CNEL is an average sound level during a 24-hour period. CNEL is a noise measurement scale, which accounts for noise source, distance, single event duration, single event occurrence, frequency, and time of day. Human reaction to sound between 7:00 p.m. and 10:00 p.m. is as if the sound were actually 5 dBA higher than if it occurred from 7:00 a.m. to 7:00 p.m. From 10:00 p.m. to 7:00 a.m., humans perceive sound as if it were 10 dBA higher due to the lower background level. Hence, the CNEL is obtained by adding an additional 5 dBA to sound levels in the evening from 7:00 p.m. to 10:00 p.m. and 10 dBA to sound levels in the night from 10:00 p.m. to 7:00 a.m. Because CNEL accounts for human sensitivity to sound, the CNEL 24-hour figure is always a higher number than the actual 24-hour **average.**[18]

Day-Night Noise Level (L_{dn}). L_{dn} is similar to CNEL except that a 10 dBA penalty is added from 10:00 p.m. to 7:00 a.m. There is no 5 dBA penalty that exists for the CNEL calculation.[19]

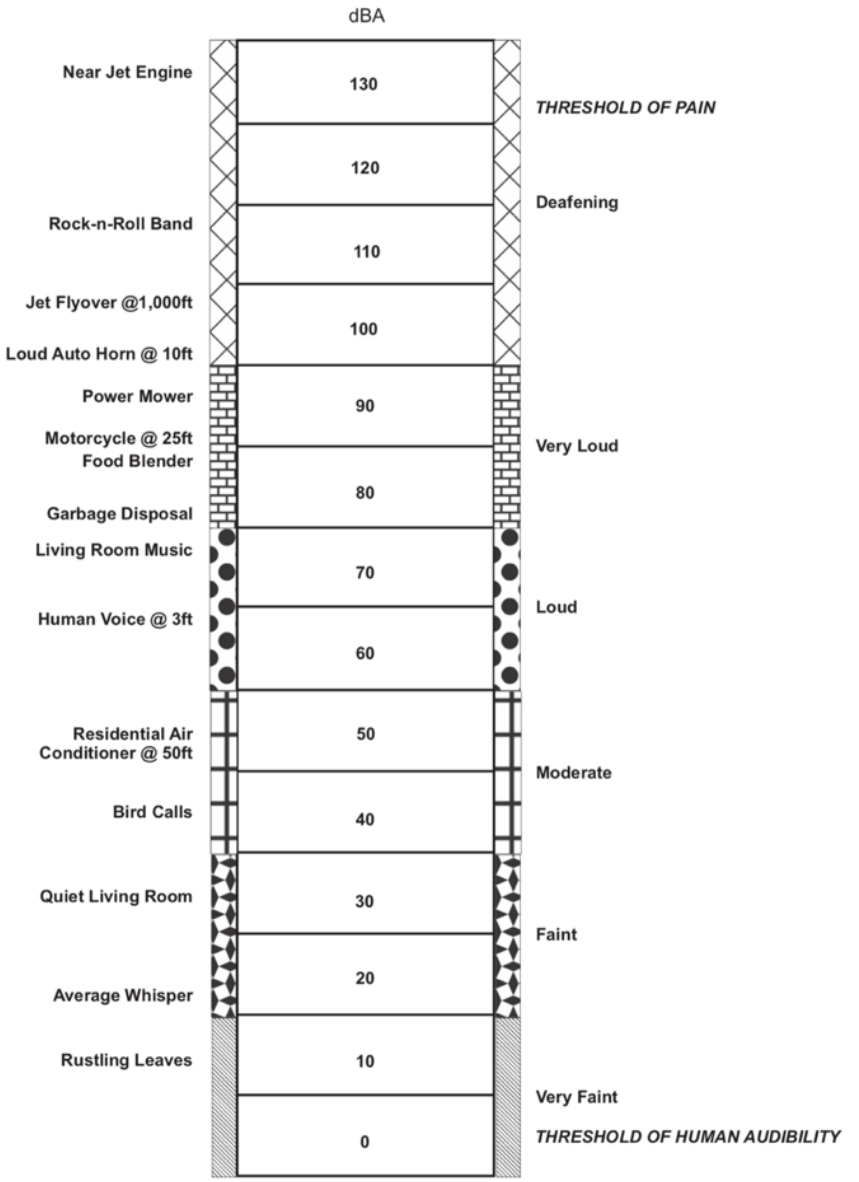
Equivalent Noise Level (L_{eq}). L_{eq} is the average noise level on an energy basis for any specific time period. The L_{eq} for one hour is the energy average noise level during the hour. The average noise level is based on the energy content (acoustic energy) of the sound. L_{eq} can be thought of as the level of a continuous noise which has the same energy content as the fluctuating noise level. The equivalent noise level is expressed in units of dBA.[20]

Effects of Noise

Noise is generally defined as unwanted sound. The degree to which noise can impact the human environment ranges from levels that interfere with speech and sleep (annoyance and nuisance) to levels that cause adverse health effects (hearing loss and psychological effects). Human response to noise is subjective and can vary greatly from person to person. Factors that influence individual response include the intensity, frequency, and pattern of noise, the amount of background noise present before the intruding noise, and the nature of work or human activity that is exposed to the noise source.

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17 California Department of Transportation, *Technical Noise Supplement*, September 2013.
18 *Ibid*.
19 *Ibid*.
20 *Ibid*.



SOURCE: Cowan, James P., Handbook of Environmental Acoustics.

Figure 5
A-Weighted Decibel Scale

Audible Noise Changes

Studies have shown that the smallest perceptible change in sound level for a person with normal hearing sensitivity is approximately 3 dBA. A change of at least 5 dBA is readily perceptible to a person with normal hearing sensitivity. A 10-dBA increase is subjectively perceived as a doubling in loudness.[21]

Noise levels decrease as the distance from the noise source to the receiver increases. Noise generated by a stationary noise source, or "point source," will decrease by approximately 6 dBA over hard surfaces (e.g., reflective surfaces such as parking lots or smooth bodies of water) and 7.5 dBA over soft surfaces (e.g., absorptive surfaces such as soft dirt, grass, or scattered bushes and trees) for each doubling of the distance.[22] For example, if a noise source produces a noise level of 89 dBA at a typical reference distance of 50 feet, then the noise level would be 83 dBA at a distance of 100 feet from the noise source, 77 dBA at a distance of 200 feet, and so on. Noise generated by "line sources" such as highways or railroads will decrease by approximately 3 dBA over hard surfaces and 4.8 dBA over soft surfaces for each doubling of the distance. Noise levels in exterior areas of sensitive receivers may be marginally higher at times when equipment is active at distances of less than the reference distance (typically fifty feet).

Noise is most audible when there is a direct line-of-sight.[23] Solid barriers, such as walls, berms, changes in topography or buildings that break the line-of-sight between the source and the receiver greatly reduce noise levels from the source since sound can only reach the receiver by bending over the top of the barrier. However, if a barrier is not solid, high, or long enough to break the line-of-sight from the source to the receiver, its effectiveness is greatly reduced.

Regulations

The project would comply with County requirements with respect to noise. The County has established noise standards to control unnecessary, excessive and annoying noise. The standards are codified in Chapter 12.08 (Noise Control) of the Los Angeles County Code. The County Code states that no person shall operate or cause to be operated, any source of sound at any location within the unincorporated county or allow the creation of any noise on property owned, leased, occupied or otherwise controlled by such person which causes the noise level, when measured on any other property either incorporated or unincorporated, to exceed specified standards.

The County's construction noise standards are listed in Section 12.08.440 Construction Noise of the County Code:

> A. *Operating or causing the operation of any tools or equipment used in construction, drilling, repair, alteration or demolition work between weekday hours of 7:00 p.m. and 7:00 a.m., or at any time on Sundays or holidays, such that the sound there from creates a noise disturbance across a residential or commercial real-property line, except for emergency work of public service utilities or by variance issued by the health officer is prohibited.*
>
> *B. Noise Restrictions at Affected Structures. The contractor shall conduct construction activities in such a manner that the maximum noise levels at the affected buildings will not exceed those listed in the following schedule:*

[21] California Department of Transportation, *Technical Noise Supplement*, September 2013.
[22] *Ibid*.
[23] Line-of-sight is an unobstructed visual path between the noise source and the noise receptor.

1. At Residential Structures.

a. Mobile Equipment. Maximum noise levels for nonscheduled, intermittent, short-term operation (less than 10 days) of mobile equipment:

Noise Restrictions on Mobile Equipment at Residential Structures

	Single Family Residential	*Multi-Family Residential*
Daily, except Sundays and legal holidays, 7:00 AM to 8:00 PM	*75 dBA*	*80 dBA*
Daily, 8:00 PM to 7:00 AM and all day Sunday and legal holidays	*60 dBA*	*64 dBA*

b. Stationary Equipment. Maximum noise level for repetitively scheduled and relatively long-term operation (periods of 10 days or more) of stationary equipment:

Noise Restrictions on Stationary Equipment at Residential Structures

	Single family Residential	*Multi-Family Residential*
Daily, except Sundays and legal holidays, 7:00 AM to 8:00 PM	*60 dBA*	*65 dBA*
Daily, 8:00 PM to 7:00 AM and all day Sunday and legal holidays	*50 dBA*	*55 dBA*

C. All mobile or stationary internal-combustion-engine powered equipment or machinery shall be equipped with suitable exhaust and air-intake silencers in proper working order.

D. In case of a conflict between this chapter and any other ordinance regulating construction activities, provisions of any specific ordinance regulating construction activities shall control.

Noise Ordinance Section 12.08.390 provides the exterior noise standards for receptor properties within designated noise zones. For residential properties nighttime noise (10 p.m. to 7 a.m.) shall not exceed 45 dBA and daytime noise shall not exceed 50 dBA.

Noise Levels

The La Puente General Plan indicates that 2025 roadway noise levels along Temple Avenue of 65 dBA CNEL with the majority of the site within the 60 dBA CNEL contour.

Sensitive Receptors

The closest sensitive receptors are the eleven single-family homes located immediately north of the site boundary; the majority of homes are set back about 30 feet from the property line, and about 200 feet from the center of the site; homes would be about 75 feet from the closest (recreational) pool (depending on the design) and 260 feet from bleacher seating. The Temple Academy school itself would be a sensitive receptor but the school is not operational, and potential future operations are unknown; bleacher seating would be about 180 from the closest classroom but would face away from the school; the closest pool would be about 200 feet from the closest classroom. In addition, the adjacent park would be a sensitive receptor.

The proposed concrete masonry unit (CMU) wall along the northern property line would be a noise barrier that would provide 5 to 10 dBA[24] of noise shielding for the residential uses from on-site activities.

[24] FHWA Roadway Construction Noise Model User's Guide, January 2006

Construction Noise

Two types of short-term noise impacts could occur during the construction of the proposed project. First, construction crew commutes and the transport of construction equipment and materials to the site for the proposed project would incrementally increase noise levels on access roads leading to the site. Although there would be a relatively high single-event noise exposure potential causing intermittent noise nuisance (passing trucks at 50 feet would generate up to a maximum of 87 dBA), the effect on longer term (hourly or daily) ambient noise levels would be small. Therefore, short-term construction-related impacts associated with worker commute and equipment transport to the project site would be less than significant. The second type of short-term noise impact is related to noise generated during demolition, excavation, grading, and building erection on the project site. Construction is completed in discrete steps, each of which has its own mix of equipment, and consequently, its own noise characteristics. These various sequential phases would change the character of the noise generated on the site and, therefore, the noise levels surrounding the site as construction progresses. Despite the variety in the type and size of construction equipment, similarities in the dominant noise sources and patterns of operation allow construction-related noise ranges to be categorized by work phase.

Earthmoving and compacting equipment includes excavators, bulldozers, and graders. Typical operating cycles for these types of construction equipment may involve 1 or 2 minutes of full-power operation followed by 3 or 4 minutes at lower power settings. Construction of the project is expected to require the use of earthmovers, bulldozers, and water and pickup trucks. This equipment would be used on the project site.

Construction of the project is planned to occur Monday through Saturday, between 7:00 a.m. to 7:00 p.m., during the 19-month construction period. Therefore, the days and hours of construction would comply with the requirements of Noise Ordinance Section 12.08.440.

Construction activities have the potential to temporarily increase noise levels in the project area. There would be intermittent high-noise levels throughout construction. Noise levels would fluctuate depending on the construction activity, equipment type, duration of use, and the distance between the noise source and receiver. **Table 9** provides estimated noise levels of typical construction equipment likely to be used on the project. The usage factor estimates the fraction of time each piece of construction equipment is operating at full power (i.e., its loudest condition) during construction operations.

Table 9
Noise Levels and Usage Factors for Construction Equipment

Equipment	Acoustical Usage Factor	Max Noise Level dBA(50 feet)	Average Noise Level dBA (50 feet)*
Backhoe	40	78	74
Compactor (Ground)	20	83	76
Dozer	40	82	78
Dump Truck	40	76	73
Excavator	40	81	77
Flat Bed Truck	40	74	70
Paver	50	77	74
Pickup Truck	40	75	71
Roller	20	80	73

Source: FHWA (Federal Highway Administration). 2006. FHWA Highway Construction Noise Handbook. Final Report. August 2006.
*Average noise levels calculated from the maximum noise levels using the usage factors

As shown in **Table 8**, average noise levels during construction from equipment use are expected to range from 70 to 78 dBA at 50 feet. Overlap of several pieces of equipment used in close proximity could increase the overall average level by 3-6 dBA (70 dBA + 70 dBA = 73 dBA). Construction-related noise levels would attenuate at an average rate of 6 dBA every doubling of distance for stationary sources depending on adjacent surfaces and noise spreading.[25] The nearest residential receptors about 200 feet from the center of the site; the closest Temple Academy classroom (if the school reopened) to the project work areas would be approximately 200 feet from the center of the project site. At a distance of 200 feet average exterior noise levels would intermittently range between 53 to 61 dBA. But individual residences could be intermittently exposed to noise levels of 72 dBA as individual pieces of equipment pass along the property line adjacent to each home. However, the majority of construction activity would occur in the center of the site and therefore the center of the site is used for assessing time-averaged noise impacts. Standard construction with the windows closed provides approximately 20 to 25 dBA of noise reduction in interior spaces. Therefore, interior spaces in homes would be about 52 dBA as individual pieces of equipment pass along property lines of individual homes.

Cumulative Construction Noise

There is potential for construction to overlap with construction of the performing arts center on the remainder of the Temple Academy site. If construction were to overlap, earth moving activities (the noisiest phase) would be coordinated to not overlap. For other construction activities it is not anticipated that noise levels would be substantially greater than those already anticipated during peak construction work because of intervening barriers and the varying distances to sensitive receptors. Other cumulative projects are confined to single-family homes where construction noise is generally confined to the immediate vicinity and intervening other structures would further reduce noise form these sources to a negligible level.

Construction Noise Reduction

As discussed in Section 2.4, in addition to complying with the County Noise Ordinance regarding construction work hours, LACPW would minimize short-term construction noise through implementation of best management practices (BMPs). While not needed to avoid significant impacts, the following mitigation measure is identified to ensure compliance with applicable regulations and minimize construction noise impacts:

NOI-1: The project contractor shall implement BMPs to reduce construction noise and comply with applicable regulations. BMPs may include, but not be limited to, the following:

- Proper maintenance and tuning of all construction equipment engines to minimize noise emissions.
- Proper maintenance and functioning of the mufflers on all internal combustion and equipment engines.
- Locate fixed and/or stationary equipment as far as possible from noise-sensitive receptors.
- Locate temporary noise barriers as needed.
- Appoint a public liaison for project construction that would be responsible for addressing public concerns about construction activities, including excessive noise. As

[25] FHWA (Federal Highway Administration). 2006. FHWA Highway Construction Noise Handbook. Final Report. August 2006. http://www.fhwa.dot.gov/environment/noise/construction_noise/handbook/index.cfm. Accessed March 12, 2021.

needed, the liaison would determine the cause of concern (e.g., starting too early, bad muffler) and implement measures to address the concern.

These BMPs would reduce the construction noise levels shown in **Table 9** to comply with the requirements of the Los Angeles County Noise Ordinance for residential uses. In addition, the proposed wall along the northern property line could reduce noise at residential uses to the north by 5 to 10 dBA. While construction noise would be audible in the adjacent park, construction would be temporary and park users can move to different parts of the park. The County Noise Ordinance does not address school use, but school use (if the school were to re-open prior to the end of construction) has a similar sensitivity to residential uses and since classrooms would further from construction activity than the residential use, construction impacts would be similarly less than significant.

Construction Noise Conclusion

Compliance with County regulations requires that noise at residential structures be maintained at specified levels. The construction noise would comply with these requirements and would be temporary, intermittent, and typical for construction activity in urban areas such as the site. Construction noise impacts would be less than significant.

Operational Noise

Upon completion and operation of the project, on-site operational noise would be generated by heating, ventilation, and air conditioning equipment associated with the small building, pool filtering and cleaning equipment, people entering and leaving the site, people using the parking area and recreational facilities including pool and park users as well as audiences in the bleacher seating.

The sensitive receptors adjacent to the site are located near a busy local roadway (Temple Avenue); in addition, a portion of the site was recently used for parking with the remainder of the site used as a playing field. As discussed above, traffic on Temple Avenue during the daytime hours in 2025 is anticipated to be 65 dBA. Operating hours of the pool would be 6 a.m. to 10 p.m. weekdays, with shorter operating hours on weekends, with on-site pool staff trained to stop excessive noise levels from pool users. For normal daily operations, operational noise is not expected to exceed the County of Los Angeles Municipal Code levels. However, for special events noise levels could be noticeable at adjacent residences, the adjacent park (and classroom uses if a school use returns).

Noise levels would vary depending on distance to the sound source and intervening barriers. As noted above, noise reduces about 6 dBA with every doubling of distance, solid barriers such as walls and fences reduce noise by 5 dBA to 10 dBA and building interior-to- exterior attenuation is generally about 15 dBA to 25 dBA.

Bleacher seating about 260 feet from the closest residence; the closest pool would be about 75 feet from the closest residence. Bleacher seating would be about 180 from the closest classroom (if they were to be used as classrooms in the future) and would face away from the school; the closest pool would be about 200 feet from the closest classroom.

Mobile Source Noise

The proposed project would generate a net increase of approximately 843 daily weekday vehicle trips spread throughout the day including 51 trips during the am peak hour and 68 trips during the pm peak hour. In order for an increase in noise to be audible (an increase of approximately 3 dBA), traffic would have to double on area roadways. The project represents a small fraction of trips on area roadways (for example the pm peak hour project traffic would represent less than three percent of trips south of the site access); routine operations of the project would result in a negligible increase in noise on area roadways compared to existing conditions. The pool and park would replace an existing parking lot and elementary school playing field with current access from temple Avenue a roadway with a relatively high ambient noise level (65 dBA). While use of the parking area could increase compared to existing use, and could be noticeable to adjacent residents, the type of noise (slamming car doors and people talking) would not change and the change in noise is not expected to result in a significant change in the CNEL.

Noise Associated with Recreational Use

Users of the pools and park areas would generate noise from typical activities associated with these uses including swimmers and park users shouting and cheering of audience members. In addition, coaches and officiants may use whistles and pool events may include use of a public address system and starter pistols. The public address system would only be used during select swim events, would only be utilized at a volume for spectators to hear, and all speakers would be directed inward toward the pool.

Noise levels generated from the outdoor pool during special events (estimated at about six times per year) would involve cheering spectators, whistles, starting horns, and the use of a public address sound system. A reference noise level from a public address sound system is estimated to generate an hourly equivalent (Leq) noise level of 71.3 dBA at a distance of 50 ft; crowd noise is estimated to be 65 dBA Leq at 75 ft. [26] The recreational pool would be 75 feet from the closest homes and the bleacher seating would be about 260 feet from the closest homes. The public address system would not be used in connection with the recreational pool. Based on standard noise attenuation with distance, noise levels from the public address system could be 65 dBA at the closest homes and noise from the bleachers would generally be less than 60 dBA (not taking in to account the proposed CMU wall that would further reduce noise levels).

Activities from the outdoor pool during practices and regular events and use of the park area in general would not involve a substantial number of spectators, whistles from officiants, starting horns, or the use of a public address sound system. Without a substantial number of spectators or without the use of a public address sound system, noise levels generated from the outdoor pools under normal operations would be similar to existing noise levels on the site (i.e., similar to use of the existing adjacent park and the 60 dBA to 65 dBA noise levels associated with traffic noise on Temple Avenue and prior use of the existing grassy playing field by the Temple Academy elementary school). Therefore, noise generated from the outdoor pool during practices and regular events would not have the potential to impact nearby noise-sensitive uses.

Much like other noises from parks and the previous play field, noises from recreational activities, including the pools, exercise areas, barbeque areas and amphitheater would be audible to adjacent residents but would not substantially increase CNEL noise levels and would not result in a significant impact on the environment.

b) **Less-Than-Significant Impact.** The Los Angeles County Code Section 12.08.560 – Vibration, prohibits the operation of any device that creates vibration that is above the vibration perception

[26] Belmont Pool Revitalization Project, City of Long Beach, Final EIR, 2016

threshold of any individual at or beyond the property boundary of the source if on private property, or at 150 feet from the source if on a public space or public right-of-way. The perception threshold is stated as a motion velocity of 0.01 in/sec over the range of 1 to 100 Hertz.

Loaded heavy trucks would result in vibration levels of 0.076 in/sec at 25 feet. Operation of a large bulldozer, where construction vibration levels are estimated at 0.089 in/sec at 25 feet.[27] Such ground-borne noise or vibration would attenuate rapidly from the source and generally would not be perceptible outside of the construction areas and immediately adjacent to the haul routes.[28] Given the distance of the nearest sensitive receptor to the work area and that all construction vehicles accessing the site would utilize paved roads and parking area, vibrations generated during construction generally would not be enough to exceed Los Angeles County Noise Ordinance thresholds, annoy people, or cause "architectural" damage to any adjacent buildings. Once operational, the project would not generate any vibration levels that could extend outside the project footprint. Impacts would be less than significant.

c) **No Impact**. The project site is not located in the vicinity of a private airstrip or-an airport land use plan or within two miles of a public airport or public use airport and therefore would not expose people using the project to excessive noise levels?

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

a) **No impact**. The project would require approximately 19 months of construction. Given that the project is located in an urban area of Los Angeles County, there is a sufficient local workforce available for construction. The project would not require construction crews to relocate to the project area. As the project would not involve the construction of new homes, businesses, or other infrastructure that would induce population growth, no construction impact would occur. The project has been designed to meet the needs of the local community. The neighborhoods immediately surrounding the project are fully established with little-to-no opportunity for future residential development. As such, there would be no likelihood that operation of the aquatic facility would indirectly induce population growth. No operation and maintenance impact would occur.

b) **No Impact**. The proposed project would be constructed on an existing parking lot and grassy playing field on the Temple Academy campus. None of the project's construction activities would require the

[27] FTA, *Transit Noise and Vibration Impact Assessment*, May 2006.
[28] *Ibid.*

permanent removal or displacement of housing or persons that would warrant replacement housing to be constructed elsewhere. No construction impact would occur. None of the project's operational activities would require the permanent removal or displacement of housing or persons that would warrant replacement housing to be constructed elsewhere. No operation and maintenance impact would occur.

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
XV. PUBLIC SERVICES. Would the project:				
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.i) **Less-Than-Significant Impact**. Construction accidents and pool use accidents could require fire service calls to the project site. Accidents during construction are difficult to predict, particularly since all construction activities would utilize all safety measures to avoid accidents. Because the construction period would be temporary, it is not expected to impact service ratios or response times for fire protection services. LACFD Station #26 (15336 E. Elliot Avenue, La Puente) currently services the existing school and associated facilities. Construction of the project would not trigger the need for new or expanded fire protection facilities or increased staff levels. Less than significant impacts would occur.

Once operational, by having qualified lifeguards on duty at all time during operational hours, use of the proposed aquatics center is not expected to impact service ratios or response times for fire protection services. Additionally, all permanent (operational) workers would likely come from within the local area and would not affect the area's population in levels that could impact fire service ratios. LACFD Station #26 is expected to have adequate resources to respond to any emergencies related to the project under its existing service levels. New or expanded fire protection facilities or increased staff levels are not expected to be needed as a result of the project (construction and operation). Less than significant impacts would occur.

a.ii) **Less-Than-Significant Impact**. Construction incidents are difficult to predict, particularly since the work area would be fenced and school security would patrol the site. Because the construction period would be temporary, it is not expected to permanently impact service ratios or response times for police

protection services. The Los Angeles County Sheriff's Department is expected to have adequate resources to respond to any emergencies related to the project under its existing service levels. New or expanded police protection facilities or increased staff levels at the Los Angeles County Sheriff's Department are not expected to be needed as a result of the project. Less than significant impacts would occur.

Once operational, the project would include an operating staff that would consist of two dozen or so lifeguards; and four to six locker room attendants, two to four cashiers, and two to four shift managers to cover weekday and weekend operations. By having qualified lifeguards and staff present at all time during operational hours and the project used for organized swim events and scheduled public use, the proposed aquatics center is not expected to impact service ratios or response times for police protection services. Additionally, all permanent (operational) workers would likely come from within the local area and would not affect the area's population in levels that could impact police service ratios. The Los Angeles County Sheriff's Department is expected to have adequate resources to respond to any emergencies related to the project under its existing service levels. New or expanded police protection facilities or increased staff levels at the Los Angeles County Sheriff's Department is not expected to be needed as a result of the project (construction and operation). Less than significant impacts would occur.

a.iii) **No Impact**. Construction and operation of the proposed project would not increase the area's population and thus would not increase the demand for schools.

a.iv) **No Impact**. Construction and operation of the project would not increase the area's population and thus would not increase the demand for park facilities. The project would represent a beneficial impact with respect to recreational facilities.

a.v) **No Impact**. Construction and operation of the project would not increase the area's population and thus would not increase the demand for other public facilities. Further, there are no additional public facilities located within the project area that could be negatively affected by the construction or operation of the project. The proposed project would not impact other existing public facilities, nor require the construction of new public facilities. No impacts would occur.

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
XVI. RECREATION. 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) **No Impact**. The proposed aquatics facility would be constructed on an existing parking lot and grassy playing field; it would introduce a new opportunity for aquatics recreation as well as new park facilities

in the community. The project would connect to the adjacent Allen J. Martin Park, potentially enhancing that park. The project would have no effect on other established neighborhood or regional parks. Construction of the project would not contribute to physical deterioration of an existing recreation facility.

b) **Less-Than-Significant Impact**. The project itself is a recreational facility the potential for adverse physical effects to result from construction is addressed in this Initial Study; the Initial Study finds that all impacts would be less than significant. The project would be entirely constructed on an existing parking lot and grassy playing field. Given the disturbed nature of this site, there would be no potential for impacts to natural resources. As described in this Initial Study project construction and operation would have less than significant impacts.

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
XVII. TRANSPORTATION. Would the project:				
a) Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	☐	☐	☒	☐
b) 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) **Less-Than-Significant Impact**. The proposed pools would provide for local residents to have an aquatics facility in closer proximity. Existing swimmers in the project area typically travel to the California High School located approximately 7.5 miles to the south of the site; in addition, this is where regional meets are held. By providing additional swimming facilities in the region the County would increase recreational opportunities for the local community thereby reducing trips and vehicle miles travelled. The project would not result in new regional swim meets as these events are already occurring.

b) **Less-Than-Significant Impact**. No new swim/sports groups or leagues will be formed as a result of the project. Those local swimmers using the facility for practice are generally expected to have a shorter distance to travel than from the existing facilities that they are currently using.

The proposed facility pools would provide for local residents to have an aquatics facility in closer proximity than existing public pools in the area. Existing swimmers in the project area typically travel to the California High School for regional meets, located approximately 7.5 miles to the south of the site. County-operated practice locations are located at Arcadia Community Regional Park (7.8 miles to the north of the site) and Whittier Aquatics facility (8.1 miles to the south).

By providing additional swimming facilities in the region, the County would increase recreational opportunities for the local community, thereby reducing trips and vehicle miles traveled for general

swim facility use, practice, and regional meets. The project would not result in new practice activity and regional swim meets over the pattern of meets that is already occurring. In this manner, the proposed facility will not generate new regional vehicle trips.

It is anticipated that the project could reduce trips to these other facilities, as they are located further from the local neighborhood, and VMT would therefore be reduced for many trips to and from the proposed facility. The project could encourage local swimmer to swim more since they would have a local facility, some of the new local trips may be by bicycle and/or pedestrian and/or may be combined with existing trips to the adjacent park. Overall, the project would not increase regional VMT substantially, and therefore the project VMT impacts would be less than significant.

c) **Less-Than-Significant Impact with Mitigation**. The project would not create or increase hazards due to a geometric design feature and would not alter the geometrics of any public roadway. Construction equipment would be stored at the proposed site and therefore no construction equipment would have an impact on any public right of way or create hazards. The project would not create or increase hazards due to a geometric design feature and would not alter the geometrics of any public roadway.

The Traffic Impact Study[29] for the project indicates that during regular daily operations, while delay at local intersections could increase by up to 2.7 seconds, this increase would not be substantial and would not represent a safety or other impact to the area. During special events – which occur on weekends, traffic would not have a substantial effect on local traffic operations. Average delay (at the California Avenue/Amar Avenue intersection) would worsen by approximately seven seconds, but LOS would not worsen beyond a value of D. Overall, no level of service degradations would occur with the added trips.

The project parking lot has a planned vehicle parking capacity of 72 spaces. Under typical daily operations of the project facilities, outside of these occasional regional meets, parking demand would be contained within the site off-street supply. There would not be a need under typical project operations to secure off-site parking supplies. On-site parking would not be able to accommodate the expected event parking demand in its entirety (six times per year). Additional parking supplies would need to be temporarily provided through leases or other means during the events, to provide nearby additional off-street parking supplies. In order to address local neighborhood parking and circulation and pedestrian and traffic safety the following measure is recommended:

TR-1 **Event Traffic Management Plan.** For event days the county will implement an event traffic management plan aimed at reducing trips and associated VMT and ensuring efficient routing and parking of vehicles. The plan would include the following:

- The expected timeframe of regional meets and the schedule for heats throughout the day of the event.
- The locations of supplemental parking supplies, the owner(s), and documentation of the agreement(s) that provide for the leasing or sharing of parking.
- Wayfinding methods including directional signage and placement of event staff at critical locations at the perimeter of the site and approaching roadways to direct incoming vehicles to available parking on-site and to the supplemental supplies.
- Event media and on-line resources that provide a map and directions to parking areas in relation to the site.
- Methods for adjusting to times between heats when one group of spectators is leaving, and one group is entering.

[29] Traffic Impact Study County of Los Angeles San Gabriel Valley Aquatics Center, 635 North California Avenue, KOA, November 2021

- Designation of points of traffic control by authorized personnel at major ingress and egress locations, including project site driveways for on-site parking and pick-up/drop-off areas access, and any major off-site parking location access, to control queuing onto neighboring roadways.
- Right-turn in and right turn out of the parking lot to be signed and enforced.
- Designation of any other necessary traffic control locations.
- Designation of bus loading zones, if needed, and Uber/Lyft loading zones.

This measure would address neighborhood parking and circulation to ensure that any impacts with respect to safety are less than significant. During operation the project would not have an impact on any public right of way or create hazards.

d) **Less-Than-Significant Impact**. Construction would not have any impact on emergency vehicle access to a public right of way. All streets would remain open to emergency vehicles at all times during construction. Lane closures on public right of way are not anticipated during construction or operation. In the case a lane closure is required, the closure would be coordinated with the local jurisdiction to reduce any potential effects on emergency access to a less than significant level.

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
XVIII. TRIBAL CULTURAL RESOURCES.				
a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☐	☒	☐
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.	☐	☐	☒	☐

a.i) **Less-Than-Significant Impact**. As discussed under V. Cultural Resources and VII. Geology and Soils (paleontological resources) above, the project site does not contain any known resources identified as listed or eligible for listing in the California Register of Historical Resources or in a local register of historical resources. The project site is in an area settled and used for hunting and food gathering by the Gabrieleño for millenia. There exists the possibility for encountering buried archaeological resources; such resources could be accidentally damaged during construction.

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the project and the results were negative. Based on information received through the County's AB 52 consultation with California Native American tribes traditionally and culturally affiliated with the project location, as well as the results of the SLF search, no TCRs have been identified as present within the project site (**Appendix E** is a confidential appendix that contains the information provided by the Kizh Nation regarding Tribal Cultural Resources in the project area). However, although no significant impact has been identified, the following mitigation measures are included to provide for tribal monitoring of ground-disturbing activities (**Mitigation Measure TCR-1**) and the inadvertent discovery of TCRs (**Mitigation Measure TCR-2**) and/or human remains and funerary objects (**Mitigation Measure TCR-3**) pursuant to the County's obligations under State law. While not needed to avoid significant impacts, the following mitigation measures are identified to ensure compliance with applicable regulations and minimize construction noise impacts:

TCR-1 Retain a Native American Monitor Prior to Commencement of Ground-Disturbing Activities

- The County of Los Angeles or its representative (the "County"), as the lead agency, shall retain a Native American monitor from (or approved by) the Gabrieleño Band of Mission Indians – Kizh Nation (the "Kizh" or "Kizh Nation"). The monitor shall be retained prior to the commencement of any "ground-disturbing activity" for the subject project, at all project locations (i.e., both on-site and off-site locations, as applicable, that are included in the project description/definition and/or required in connection with the project, such as public improvement work). "Ground-disturbing activity" includes pavement removal, potholing, auguring, grubbing, tree removal, boring, grading, excavation, drilling, and trenching.

- The County shall provide the Kizh with a minimum of 30 days advance written notice of the general anticipated commencement of any project ground-disturbing activity and 48 hours notice of specific activities so that the Kizh has sufficient time to secure and schedule a monitor for the project.

- The County shall hold at least one (1) pre-construction sensitivity/educational meeting prior to the commencement of any ground-disturbing activities, where a senior member of the Kizh will inform and educate the project's construction and managerial crew and staff members (including any project subcontractors and consultants) about the tribal cultural resources ("TCR") mitigation measures and compliance obligations, as well as places of significance located on the project site (if any), the appearance of potential TCRs, and other informational and operational guidance to aid in the project's compliance with the TCR mitigation measures.

- The monitor will complete daily monitoring logs that will provide descriptions of the relevant ground-disturbing activities, the type of construction activities performed, locations of ground-disturbing activities, soil types, cultural-related materials, and any other facts, conditions, materials, or discoveries of significance to the Kizh. Monitor logs will identify and describe any discovered TCRs, including but not limited to Native American cultural and historical artifacts, remains, places of significance, etc., as well as

any discovered Native American (ancestral) human remains and burial goods. Copies of monitor logs will be provided to the County on an agreed upon routine basis.

- Native American monitoring for the project shall conclude upon either: (1) written confirmation from a designated project point of contact to the Kizh that all ground-disturbing activities and all phases that may involve ground-disturbing activities at the project site and at any off-site project location, as applicable, are complete; or (2) written notice by the Kizh to the project applicant/lead agency that no future, planned construction and/or development activity at the project site or at any off-site project location, as applicable, possesses the potential to impact TCRs.

TCR-2 Discovery of Tribal Cultural Resources

- In the event that subsurface objects or artifacts that may be TCRs are discovered during the course of any ground-disturbing activities associated with the project, all such work in the immediate vicinity of the discovery (i.e., within a 50-foot radius) shall cease, except as needed to maintain safety on-site, and a qualified archaeologist meeting Secretary of Interior standards shall assess the find. Additionally, the County shall contact all tribes listed on the "Native American Contact List" provided for this project by the Native American Heritage Commission (NAHC) and provide any affected tribe a reasonable period of time, no less than 14 days, to evaluate the discovery and advise the County regarding the significance and treatment of any discovered TCR, as well as any mitigation and/or monitoring requirements for future ground-disturbing activities. Work on the other portions of the project outside of the buffered area may continue during this assessment period.

- If significant TCRs are discovered and avoidance cannot be ensured, the County shall develop a Monitoring and Treatment Plan (the "Plan"), drafts of which shall be provided to the affected tribe(s) for review and comment. A representative of the affected tribe(s) shall monitor the remainder of the project and implement the Plan accordingly.

- In addition to any recommendations from the affected tribe(s), the County shall take necessary actions to avoid or minimize impacts to the identified TCRs, consistent with best practices identified by the NAHC and in compliance with all applicable federal, State, and local laws, rules, and regulations.

- The County may recommence ground-disturbing activities within the specified radius of the discovery site only after it has complied with all of the recommendations developed and approved pursuant to the process set forth in paragraphs A through C above.

- Any information determined to be confidential in nature by the County shall be excluded from disclosure under the applicable provisions of the California Public Records Act and California Public Resources Code, section 6254, and shall comply with the County's AB 52 confidentiality protocols.

TCR-3 Discovery of Human Remains and/or Funerary Objects

- In the event that human remains and/or funerary objects are encountered during any ground-disturbing activities associated with the project, all such work in the immediate vicinity of the discovery (i.e., within a 100-foot radius) shall cease. The County shall immediately report any discoveries of human remains to the County Coroner, in accordance with California Public Resources Code, sections 5097.98 [reiterated in the California Code of Regulations, section 15064.5, subdivision (e) (hereinafter "CEQA Guidelines")] and 5097.99, as well as California Health and Safety Code, section 7050.5.

The Coroner will make a determination as to whether the human remains are Native American. If the Coroner recognizes the human remains to be those of a Native American or has reason to believe they are Native American, he or she shall contact, within 24 hours, the NAHC, and the County shall take any and all actions necessary to comply with State law requirements. (See Health & Saf. Code, § 7050.5; Pub. Resources Code, § 5097.98, and CEQA Guidelines, § 15064.5, subds. (d), (e).)

- Any discovery of Native American human remains and/or funerary objects shall be kept confidential to prevent further disturbance.

a.ii) **Less-Than-Significant Impact**. The County of Los Angeles Public Works initiated correspondence regarding AB 52 on June 21, 2021 and provided notification of the project to the five tribes that had previously requested notification about projects that may impact Tribal Cultural Resources (TCRs) in LA County:

- The Gabrieleño Band of Mission Indians – Kizh Nation
- The San Gabriel Band of Mission Indians
- The Fernandeño – Tataviam Band of Mission Indians
- The Tejon Indian Tribe,
- The San Manuel Band of Mission Indians

No resources on the project site have been identified by the County as significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In the event that unexpected resources are encountered during construction, existing regulations and **Mitigation Measures TCR-1** through **TCR-3** would reduce impacts to a less than significant level.

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
XIX. UTILITIES AND SERVICE SYSTEMS. Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications, 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?	☐	☐	☒	☐

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
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) **No Impact**. The project site is currently developed as an existing parking lot and grassy playing field. Temple Academy is served by existing utility connections. All necessary utility connections are located adjacent or nearby the site, requiring minimal construction efforts for interconnection. Construction of the project would not require the relocation or construction of existing water, wastewater, storm water drainage, electric power, natural gas, or telecommunications facilities. No impacts would occur during construction or operation.

b) **Less-Than-Significant Impact**. Potable water from the closest hydrant would be used for South Coast Air Quality Management District (SCAQMD) Rule 403 fugitive dust control requirements during construction. This use of water would be temporary and would not impact long-term water supplies. Construction impacts would be less than significant.

The project consists of the construction of a new aquatics facility and small park which would include the following uses that require long-term water consumption: a pool building with restrooms and showers; landscaping; an Olympic- size 55-yard (50-meter) by 25-yard competitive swimming pool; and a 27-year (25-meter) by 25-yard practice pool. The proposed swimming pools would hold approximately one million gallons of water and require water to maintain adequate pool levels. Pool filters would recycle water, but pool levels would be lost daily due to evaporation.

The amount of water used by the project in the long-term would result in a relatively minor increase over the exiting water use of Temple Academy as a whole. The pool building would be designed using the most recent *LEED, BD+C: New Construction* standards to allow the building to achieve a LEED Gold Certification. This would ensure water use is minimized. Additionally, it is possible that public availability of the project reduces construction of resident pools in the immediate area, thus offsetting some water use. Overall, while the project would result in a long-term use of water supplies, it is considered a nominal increase compared to the overall water consumption of such an urban area and a minor increase over existing water use of the existing school. As water purveyors supplying customer needs throughout Los Angeles County account for both residential and commercial growth, the project is considered to have sufficient water supplies available and is not expected to significantly contribute to any water shortages during normal, dry, and multiple dry years. Operation impacts would be less than significant.

c) **Less-Than-Significant Impact**. Wastewater generated during construction would be temporary and would not impact capacity of any wastewater treatment plant. Construction impacts would be less than significant. Operational use would generate wastewater via showers and toilets. It is expected a number of pool staff and patrons would come from the local area, therefore not resulting in a net increase to the amount of wastewater generated in the community. Overall, the limited amount of wastewater generated by project operation is considered less than significant and the wastewater treatment provider serving Temple Academy is assumed to have adequate capacity to serve the project's demand.

d) **Less-Than-Significant Impact**. Construction activities would generate waste in the form of soil spoils, aggregate construction materials (cement, rebar, rock, etc.), and routine trash. Waste generated during construction would be limited and would go to local landfills that are permitted to accept such wastes and are assumed to have sufficient combined throughput and capacity to accommodate waste generated by the project. Such waste would be limited in quantity and not generated in quantities considered in excess of state or local standards, or in excess of the capacity of local infrastructure, or that could otherwise impair the attainment of solid waste reduction goals. Impacts would be less than significant.

Operation would generate waste in the form of vegetation (landscape maintenance) and routine trash and refuse from facility operation. The project would incorporate storage areas for recycling bins into the design, resulting in some waste generated like green waste (vegetation) and recyclables (paper, plastic and aluminum trash, other metals, etc.) to be recycled. Remaining waste would go to local landfills that are permitted to accept such wastes and are assumed to have sufficient combined throughput and capacity to accommodate waste generated by the project. Waste generated during operation is not expected to be in quantities considered in excess of state or local standards, or in excess of the capacity of local infrastructure, or that could otherwise impair the attainment of solid waste reduction goals. Impacts would be less than significant.

e) **No Impact**. As noted above, the project would generate limited solid waste during construction. Such waste would be limited in quantity and not generated in quantities considered in excess of state or local standards, or in excess of the capacity of local infrastructure, or that could otherwise impair the attainment of solid waste reduction goals. Construction activities are considered consistent with the 1989 California Integrated Waste Management Act (AB 939) and the California Solid Waste Reuse and Recycling Access Act of 1991, resulting in no impact with respect to compliance with these applicable regulations.

The project would generate routine solid waste from facility operation, thus requiring the consideration of waste reduction and recycling measures. AB 939 requires attainment of specific waste diversion goals. In addition, the California Solid Waste Reuse and Recycling Access Act of 1991, as amended, requires expanded or new development projects to incorporate storage areas for recycling bins into project design. The project would reuse and recycle construction material to the extent feasible. Furthermore, some waste generated during construction and operation would be green waste (vegetation) and recycled (plastic and aluminum trash, other metals, etc.). Therefore, the project is consistent with AB 939 and the California Solid Waste Reuse and Recycling Access Act of 1991, resulting in no impact with respect to compliance with applicable regulations.

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
XX. **WILDFIRE**. If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒

	Potentially Significant Impact	Less-Than-Significant Impact with Mitigation Incorporated	Less-Than-Significant Impact	No Impact
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?	☐	☐	☐	☒

The project site is located within a highly developed urban area. No known historic wildfires have affected the project area. The project site is not located in or near state responsibility areas or lands classified as very high fire hazard severity zones (the site is about two miles north of the Hacienda Hills – the closest state responsibility area).

a) **No Impact**. The project site is currently developed as an existing parking lot and grassy playing field associated with the Temple Academy public elementary school. Construction would not encroach on any roadways but would generate temporary trip volumes to access the site. Temple Avenue is identified as a Secondary Highway in the La Puente General Plan. Local roadways are not known to be part of any adopted Emergency Response Plan or Emergency Evacuation Plan. The closest disaster route is Valley Boulevard about ½ mile to the south.[30] No impacts from construction or operation would occur.

b) **No Impact**. The site is flat and not adjacent to any open space, slopes, not situated in an area containing frequent strong prevailing winds (that could carry a spark to open areas), or other factors that could exacerbate wildfire risk. No impacts from construction or operation would occur.

c) **No Impact**. The project site is served by existing utility connections associated with Temple Academy. The project would not interfere with utilities located within the public road right-of-way. During construction, the project would not require installation or maintenance of offsite infrastructure. Therefore, the project (construction and operation) would have no impact.

d) **No Impact**. As noted above, the project area including the project site is within the Puddingstone Reservoir Flood Inundation Area[31] but the project would not exacerbate this condition. The project site is not located within or adjacent to slopes or areas susceptible to flooding as a result of runoff, nor does it include landscape features that exacerbate fire risks or make the site or adjacent areas more

[30] https://pw.lacounty.gov/dsg/DisasterRoutes/map/La%20Puente.pdf

[31] La Puente General Plan, Adopted May 2004 (https://lapuente.org/wp-content/uploads/2019/09/2004GeneralPlan.pdf)

susceptible to wildfire. The project (construction and operation) would occur within an existing urban area and would have no impacts with respect to exposing 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.

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

a) **Less-Than-Significant Impact with Mitigation**. As described in IV. Biological Resources, the project is in an urban setting with few biological resources; the project would comply with existing regulations with respect to migratory and nesting birds and would have a less-than-significant impact with respect to plants and animals. Mitigation Measure **BIO-1** would ensure compliance with existing regulations to protect nesting birds.

As discussed in V. Cultural Resources, and VII. Geology and Soils (paleontological resources), in the event that construction activities encounter unexpected historical resources, compliance with existing regulations would ensure a less than significant impact. Mitigation Measures included in XVIII Tribal Cultural Resources (**TCR-1** through **TCR-3**) would reduce impacts to a less than significant level.

b) **Less-Than-Significant Impact**. See Section 2.6 Cumulative Projects for identification and discussion of cumulative project and their locations. Only one cumulative project has the potential to result in overlapping impacts and that's the potential for the construction of a performing arts center on the remainder of the Temple Academy school site. While construction activities could overlap, the

noisiest phase of construction for each project (earth moving) would not overlap. Due to the size of the proposed project, and nature and timing of the adjacent project, operational characteristics and existing environment, the project would not have the potential to create significant cumulative impacts by contributing to impacts of successive projects of the same type in the same place.

The threshold of significance for a cumulatively considerable contribution to a traffic impact is the same as the threshold of significance for a project impact. Since the project does not trigger a significant traffic impact, project trips do not have the potential to result in a considerable contribution to a cumulative traffic impact. The same is true for air quality thresholds of significance; the project does not have the potential to result in a project-specific significant air quality impact and therefore does not have the potential to result in a cumulatively considerable contribution to a significant air quality impact. With respect to construction of the performing arts center, while overlap of construction activities could occur, overlap of earth moving activities is not anticipated. Even if if it were to occur air quality significance thresholds would still not be exceeded. Therefore, the project does not have the potential to result in a project-specific significant air quality impact and does not have the potential to result in a cumulatively considerable contribution to a significant air quality impact.

The project would be a recreational use which would be compatible with surrounding residential uses. The project would have less than significant impacts on aesthetics, hazards/hazardous wastes, hydrology and land use and would not contribute substantially to cumulative impacts. Other cumulative projects in the area would similarly have less than significant impacts on these issue areas and the combined effects of all projects would be less than significant.

The project would have less than significant impacts with mitigation on biological, cultural and tribal cultural resources would not substantially contribute to cumulative impacts. Other cumulative projects in the area would similarly have less than significant impacts on these issue areas and the combined effects of all projects would be less than significant.

The project would result in excavation to a depth of about fifteen feet. The project and cumulative projects would not have the potential to exacerbate existing geologic hazards related to being located in an area subject to earthquakes. The project would implement standard construction techniques to address site geologic conditions. The project would have no impacts on paleontological resources. Therefore, project impacts would have no potential to combine with impacts of cumulative projects to create significant impacts on geology/soils.

The project would result in a density and use within the planning assumptions for the County and its relatively small size would not result in a cumulatively considerable contribution to impacts on public services and utilities. As a recreation use it would result in a beneficial impact on recreational resources. Anticipated cumulative development in the area is similarly within the planning assumptions of the County and City of La Puente.

Should construction on the adjacent Temple Academy site overlap with construction on the project site, impacts could increase incrementally at adjacent receptors, but existing regulations together with distance and existing barriers would construction noise to a less than significant level.

Operational noise impacts are associated with mobile sources and user activity. Based on existing sources of noise and anticipated noise form the project and cumulative development, the project would not result in a cumulatively considerable impact to noise.

Mobile source noise is related to vehicle use, it is most concentrated at the site and then disperses to all the different destinations of project users who arrive/depart by vehicle. The project would not result in significant additions to the existing traffic in the area and therefore the project contribution to

mobile-source noise levels at the site would be less than significant. Therefore, the project would not result in a considerable contribution to mobile source noise levels.

c) **Less-Than-Significant Impact**. As discussed in III. Air Quality, IX. Hazards and Hazardous Materials, X. Hydrology and Water Quality, and XIII Noise, XVII. Transportation (Emergency Access) existing regulations would reduce potential adverse impacts to human beings to a less than significant level.

4. Report Preparation

Lead Agency

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Master's degree, Candidate, Environmental Management, University of San Francisco
Professional Affiliations
Association of Environmental Professionals
Los Angeles Conservancy
American Planning Association

Ms. Lockwood is an environmental consultant with over 25 years' experience in the preparation of environmental documents pursuant to the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). She has been the Project Manager for major projects and technical task leader on complex projects involving noise, air quality, energy, and hazardous wastes/materials issues. Ms. Lockwood has broad knowledge and understanding of State and local planning regulations and regional planning documents in Southern California. She has participated in the preparation of environmental documentation for over 500 projects.

Ms. Lockwood has experience with a wide variety of projects, issues and communities and using this experience is able to quickly identify and address issues of potential concern before they become major problems. Her technical background allows her to review complex documentation and identify potential analytic flaws. For these reasons, Ms. Lockwood is frequently asked by lead agencies, larger consulting firms, and lawyers to provide detailed review and recommendations concerning CEQA and NEPA documents, including providing overall advice concerning approach and content of environmental documents, critical review of completed documents/analyses as well as providing specific review of more complex projects and/or issues.

In January 2006, Ms. Lockwood started the small environmental consulting firm of Sirius Environmental (Sirius). Sirius (WBE/SBE/VSBE) is an environmental consulting firm that provides CEQA and NEPA related services. Sirius Environmental was formed to focus on project and program management of projects and programs requiring a detailed understanding of CEQA and NEPA and requiring responsive, individualized management. Sirius Environmental provides support to developers, engineers, consulting firms and public agencies in the preparation of clear, accurate technical reports and documents that meet the increasingly demanding needs of communities and their decision makers.

Ms. Lockwood's areas of technical specialty are land use, energy conservation, noise, air quality, greenhouse gas emissions and hazardous materials. She has overseen the preparation of numerous technical analyses for a variety of projects. She has served on technical advisory panels on the issues of air quality and noise for the City of Los Angeles. She is familiar with land use regulation and prepares policy consistency analyses for projects in complex regulatory environments as well as aesthetic analyses for projects in urban and rural environments.

Ms. Lockwood is an experienced CEQA and NEPA project manager. She has overseen the preparation of comprehensive environmental documents for a variety of different projects, managing complex technical analyses and providing advice to clients regarding effective mitigation strategies. She is familiar with recent case law with respect to environmental documentation. She undertakes public outreach for controversial projects in a number of sensitive communities.

Ms. Lockwood provides QA/QC for a variety of projects including transportation projects (Regional Transportation Plans, Mid-Coast Corridor Transit Project, Orange Line Extension), policy documents (City of Los Angeles CEQA staff training, Updated Thresholds Guide) and plans (Mobility Element, Hollywood Community Plan, Boyle Heights Community Plan).

Ms. Lockwood emphasizes quality. She ensures that information is complete, accurate, concise, and understandable to the reader.

DRAFT-Subject to Approval by the Los Angeles County Board of Supervisors

San Gabriel Valley Aquatics Center
Mitigation Monitoring and Reporting Program (MMRP)

Public Resources Code (PRC) Section 21081.6 and California Environmental Quality Act (CEQA) Guidelines Section 15097 require adoption of a Mitigation Monitoring and reporting Program (MMRP) for all projects for which an Environmental Impact Report (EIR) or Mitigated Negative Declaration (MND) have been prepared. Specifically, PRC Section 21081.6 states that "…the agency shall adopt a reporting or monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment… [and that the program] …shall be designed to ensure compliance during project implementation."

CEQA Guidelines Section 15097 provides guidelines for implementing monitoring and reporting programs. Specific monitoring requirements to be enforced during project implementation must be defined prior to final approval of a project by the decision-maker. Although the Lead Agency (the County of Los Angeles) may delegate monitoring responsibilities to other agencies or entities, the Lead Agency "…remains responsible for ensuring that implementation of the mitigation measures occurs in accordance with the program."

The MMRP describes the procedures for the implementation of the mitigation measures adopted for the proposed project.

Each mitigation measure is identified in the following table and is categorized by environmental topic and corresponding number, with identification of:

- The Implementing Agency – this is the agency who will be required to implement most of the measures.
- The Enforcement Agency and Monitoring Agency – this is the agency or agencies that will monitor each measure and ensure that it is implemented in accordance with this MMRP.
- Monitoring Phase / Monitoring Actions – this is the timeframe that monitoring and reporting would occur and the criteria that would determine when the measure has been accomplished and/or the monitoring actions to be undertaken to ensure the measure is implemented.

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San Gabriel Valley Aquatics Center Mitigation Monitoring and Reporting Program				
No.	**Mitigation Measure**	**Implementing Agency**	**Enforcement and Monitoring Agency**	**Monitoring Phase and Monitoring Actions**
Biological Resources				
BIO-1	**Pre-Construction Surveys.** If construction will occur during the bird breeding season (February 1 through August 31), prior to construction activities (i.e., mobilization, staging, grading) a qualified avian biologist conducts pre-construction surveys for nesting and breeding birds in all ornamental landscaping and trees. If breeding birds with active nests are located on the site prior to or during construction, a qualified avian biologist to establish a 300-foot buffer (500 foot for raptors) around the nest with no activities allowed within the buffer(s) until the young have fledged from the nest or the nest fails. If birds are found to be nesting in construction equipment and the nests contain eggs or young, buffers as described above to be implemented. The prescribed buffers may be adjusted by a qualified avian biologist based on existing conditions around the nest, planned construction activities, tolerance of the species, and other pertinent factors. The qualified avian biologist to conduct regular monitoring of any nest to determine success/failure and to ensure that project activities are not conducted within the buffer(s) until the nesting cycle is complete or the nest fails. The avian biologist to be responsible for documenting the results of the surveys, nest buffers implemented, and presenting the results in ongoing monitoring reports. If trees with nests are to be removed as part of a project, remove outside of the nesting season to avoid additional impacts to nesting birds. If removal during the nesting season cannot be avoided, all trees to be inspected for active nests by an avian biologist within one to two weeks prior to construction. If nests are found within these trees and contain eggs or young, no activities within a 300-foot buffer for nesting birds and/or a 500-foot buffer for nesting raptors to occur until the young have fledged the nest as determined by the project avian biologist.	Los Angeles County Department of Public Works	Los Angeles County Department of Public Works	Prior to construction February 1 through August 31. Biologist to complete report documenting compliance with measure and submit to County.
Cultural Resources/Tribal Cultural Resources				
TCR-1	**Retain a Native American Monitor Prior to Commencement of Ground-Disturbing Activities** • The County of Los Angeles or its representative (the "County"), as the lead agency, shall retain a Native American monitor from (or approved by) the Gabrieleño Band of Mission Indians – Kizh Nation (the "Kizh" or "Kizh Nation"). The monitor shall be retained prior to the commencement of any "ground-disturbing activity" for the subject project, at all project locations (i.e., both on-site and off-site locations, as applicable, that are included in the project	Los Angeles County Department of Public Works	Los Angeles County Department of Public Works	County or its representative to enter in to contract with Native American Monitor to implement measure as described. Monitor to complete logs as described and submit to County.

DRAFT-Subject to Approval by the Los Angeles County Board of Supervisors

San Gabriel Valley Aquatics Center Mitigation Monitoring and Reporting Program				
No.	**Mitigation Measure**	**Implementing Agency**	**Enforcement and Monitoring Agency**	**Monitoring Phase and Monitoring Actions**
	description/definition and/or required in connection with the project, such as public improvement work). "Ground-disturbing activity" includes pavement removal, potholing, auguring, grubbing, tree removal, boring, grading, excavation, drilling, and trenching. • The County shall provide the Kizh with a minimum of 30 days advance written notice of the general anticipated commencement of any project ground-disturbing activity and 48 hours notice of specific activities so that the Kizh has sufficient time to secure and schedule a monitor for the project. • The County shall hold at least one (1) pre-construction sensitivity/educational meeting prior to the commencement of any ground-disturbing activities, where a senior member of the Kizh will inform and educate the project's construction and managerial crew and staff members (including any project subcontractors and consultants) about the tribal cultural resources ("TCR") mitigation measures and compliance obligations, as well as places of significance located on the project site (if any), the appearance of potential TCRs, and other informational and operational guidance to aid in the project's compliance with the TCR mitigation measures. • The monitor will complete daily monitoring logs that will provide descriptions of the relevant ground-disturbing activities, the type of construction activities performed, locations of ground-disturbing activities, soil types, cultural-related materials, and any other facts, conditions, materials, or discoveries of significance to the Kizh. Monitor logs will identify and describe any discovered TCRs, including but not limited to Native American cultural and historical artifacts, remains, places of significance, etc., as well as any discovered Native American (ancestral) human remains and burial goods. Copies of monitor logs will be provided to the County on an agreed upon routine basis. • Native American monitoring for the project shall conclude upon either: (1) written confirmation from a designated project point of contact to the Kizh that all ground-disturbing activities and all phases that may involve ground-disturbing activities at the project site and at any off-site project location, as applicable, are complete; or (2) written notice by the Kizh to the project applicant/lead agency that no future, planned construction and/or development activity at the project site or at any off-site project location, as applicable, possesses the potential to impact TCRs.			
TCR-2	**Discovery of Tribal Cultural Resources** • In the event that subsurface objects or artifacts that may be TCRs are discovered during the course of any ground-disturbing activities associated with the project, all such work in the immediate vicinity of the discovery (i.e., within a 50-foot radius) shall cease, except as needed to maintain safety on-site, and a qualified archaeologist meeting Secretary of Interior standards shall assess the find. Additionally, the County shall contact all tribes listed on the "Native American Contact List" provided for this project by the Native American Heritage Commission (NAHC) and provide any affected tribe a reasonable period of time,	Los Angeles County Department of Public Works	Los Angeles County Department of Public Works	Native American Monitor to document compliance with this measure as described and submit to County.

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San Gabriel Valley Aquatics Center Mitigation Monitoring and Reporting Program				
No.	**Mitigation Measure**	**Implementing Agency**	**Enforcement and Monitoring Agency**	**Monitoring Phase and Monitoring Actions**
	no less than 14 days, to evaluate the discovery and advise the County regarding the significance and treatment of any discovered TCR, as well as any mitigation and/or monitoring requirements for future ground-disturbing activities. Work on the other portions of the project outside of the buffered area may continue during this assessment period. • If significant TCRs are discovered and avoidance cannot be ensured, the County shall develop a Monitoring and Treatment Plan (the "Plan"), drafts of which shall be provided to the affected tribe(s) for review and comment. A representative of the affected tribe(s) shall monitor the remainder of the project and implement the Plan accordingly. • In addition to any recommendations from the affected tribe(s), the County shall take necessary actions to avoid or minimize impacts to the identified TCRs, consistent with best practices identified by the NAHC and in compliance with all applicable federal, State, and local laws, rules, and regulations. • The County may recommence ground-disturbing activities within the specified radius of the discovery site only after it has complied with all of the recommendations developed and approved pursuant to the process set forth in paragraphs A through C above. • Any information determined to be confidential in nature by the County shall be excluded from disclosure under the applicable provisions of the California Public Records Act and California Public Resources Code, section 6254, and shall comply with the County's AB 52 confidentiality protocols.			
	Discovery of Human Remains and/or Funerary Objects • In the event that human remains and/or funerary objects are encountered during any ground-disturbing activities associated with the project, all such work in the immediate vicinity of the discovery (i.e., within a 100-foot radius) shall cease. The County shall immediately report any discoveries of human remains to the County Coroner, in accordance with California Public Resources Code, sections 5097.98 [reiterated in the California Code of Regulations, section 15064.5, subdivision (e) (hereinafter "CEQA Guidelines")] and 5097.99, as well as California Health and Safety Code, section 7050.5. The Coroner will make a determination as to whether the human remains are Native American. If the Coroner recognizes the human remains to be those of a Native American or has reason to believe they are Native American, he or she shall contact, within 24 hours, the NAHC, and the County shall take any and all actions necessary to comply with State law requirements. (See Health & Saf. Code, § 7050.5; Pub. Resources Code, § 5097.98, and CEQA Guidelines, § 15064.5, subds. (d), (e).) • Any discovery of Native American human remains and/or funerary objects shall be kept confidential to prevent further disturbance.	Los Angeles County Department of Public Works	Los Angeles County Department of Public Works	In the event human remains are encountered, County to document compliance with this measure.

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San Gabriel Valley Aquatics Center Mitigation Monitoring and Reporting Program				
No.	**Mitigation Measure**	**Implementing Agency**	**Enforcement and Monitoring Agency**	**Monitoring Phase and Monitoring Actions**
Hazardous Materials				
HAZ-1	A vapor intrusion barrier, designed by an architect/engineering team familiar with vapor barrier designs and installations, shall be installed beneath on-site project buildings. Follow up testing to be undertaken to verify the barrier is functioning as recommended by the design team.	Los Angeles County Department of Public Works	Los Angeles County Department of Public Works	Project design and follow up as determined by the design team.
Noise				
NOI-1	The project contractor shall implement BMPs to reduce construction noise and comply with applicable regulations. BMPs may include, but not be limited to, the following: • Proper maintenance and tuning of all construction equipment engines to minimize noise emissions. • Proper maintenance and functioning of the mufflers on all internal combustion and equipment engines. • Locate fixed and/or stationary equipment as far as possible from noise-sensitive receptors. • Locate temporary noise barriers as needed. • Appoint a public liaison for project construction that would be responsible for addressing public concerns about construction activities, including excessive noise. As needed, the liaison would determine the cause of concern (e.g., starting too early, bad muffler) and implement measures to address the concern.	Los Angeles County Department of Public Works	Los Angeles County Department of Public Works	Contractor to document compliance with this measure during construction.
Traffic				
TR-1	**Event Traffic Management Plan.** For event days the County will implement an event traffic management plan aimed at reducing trips and associated VMT and ensuring efficient routing and parking of vehicles. The plan would include the following: • The expected timeframe of regional meets and the schedule for heats throughout the day of the event. • The locations of supplemental parking supplies, the owner(s), and documentation of the agreement(s) that provide for the leasing or sharing of parking. • Wayfinding methods including directional signage and placement of event staff at critical locations at the perimeter of the site and approaching roadways to direct incoming vehicles to available parking on-site and to the supplemental supplies. • Event media and on-line resources that provide a map and directions to parking areas in relation to the site. • Methods for adjusting to times between heats when one group of spectators is leaving, and one group is entering. • Designation of points of traffic control by authorized personnel at major ingress and egress locations, including project site driveways for on-site parking and pick-	Los Angeles County Department of Parks and Recreation	Los Angeles County Department of Parks and recreation	Operation – event days. Event Traffic Management Plan to be developed 90 days prior to each event and refined as needed thereafter.

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San Gabriel Valley Aquatics Center Mitigation Monitoring and Reporting Program				
No.	**Mitigation Measure**	**Implementing Agency**	**Enforcement and Monitoring Agency**	**Monitoring Phase and Monitoring Actions**
	up/drop-off areas access, and any major off-site parking location access, to control queuing onto neighboring roadways. • Right-turn in and right turn out of the parking lot to be signed and enforced. • Designation of any other necessary traffic control locations. • Designation of bus loading zones, if needed, and Uber/Lyft loading zones.			

Appendix A
Air Quality

SGV Aquatics

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Recreational Swimming Pool	18.50	1000sqft	2.50	18,500.00	0
City Park	1.00	Acre	1.00	43,560.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Site acreage per client.

Construction Phase - Construction phase durations per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment -

Grading -

Demolition -

Energy Use -

Stationary Sources - Process Boilers -

Vehicle Trips - Trip rates per traffic report.

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblGrading	MaterialExported	0.00	7,300.00
tblLandUse	LotAcreage	0.42	2.50
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblStationaryBoilersUse	AnnualHeatInput	0.00	4,607.00
tblStationaryBoilersUse	BoilerRatingValue	0.00	1.99
tblStationaryBoilersUse	DailyHeatInput	0.00	48.00
tblStationaryBoilersUse	NumberOfEquipment	0.00	3.00
tblTripsAndVMT	HaulingTripNumber	913.00	912.00
tblTripsAndVMT	WorkerTripNumber	20.00	13.00
tblTripsAndVMT	WorkerTripNumber	10.00	8.00
tblTripsAndVMT	WorkerTripNumber	18.00	20.00
tblVehicleTrips	ST_TR	9.10	14.40
tblVehicleTrips	SU_TR	13.60	21.52
tblVehicleTrips	WD_TR	33.82	45.57

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					
2022	0.0654	0.6594	0.5553	1.3700e-003	0.0925	0.0249	0.1174	0.0400	0.0235	0.0635	0.0000	123.0236	123.0236	0.0217	0.0000	123.5667
2023	0.3061	1.6249	1.9180	3.5900e-003	0.0369	0.0713	0.1082	9.9500e-003	0.0680	0.0779	0.0000	305.6421	305.6421	0.0565	0.0000	307.0542
Maximum	**0.3061**	**1.6249**	**1.9180**	**3.5900e-003**	**0.0925**	**0.0713**	**0.1174**	**0.0400**	**0.0680**	**0.0779**	**0.0000**	**305.6421**	**305.6421**	**0.0565**	**0.0000**	**307.0542**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0654	0.6594	0.5553	1.3700e-003	0.0459	0.0249	0.0709	0.0183	0.0235	0.0418	0.0000	123.0236	123.0236	0.0217	0.0000	123.5666
2023	0.3061	1.6249	1.9180	3.5900e-003	0.0369	0.0713	0.1082	9.9500e-003	0.0680	0.0779	0.0000	305.6418	305.6418	0.0565	0.0000	307.0539
Maximum	**0.3061**	**1.6249**	**1.9180**	**3.5900e-003**	**0.0459**	**0.0713**	**0.1082**	**0.0183**	**0.0680**	**0.0779**	**0.0000**	**305.6418**	**305.6418**	**0.0565**	**0.0000**	**307.0539**

	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**	**35.98**	**0.00**	**20.64**	**43.49**	**0.00**	**15.35**	**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	10-3-2022	1-2-2023	0.7347	0.7347
2	1-3-2023	4-2-2023	0.5606	0.5606
3	4-3-2023	7-2-2023	0.5663	0.5663
4	7-3-2023	9-30-2023	0.5601	0.5601
		Highest	0.7347	0.7347

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	0.0884	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.2000e-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	0.0000
Mobile	0.1641	0.7487	2.0011	7.6000e-003	0.6520	5.8700e-003	0.6578	0.1747	5.4500e-003	0.1802	0.0000	703.7002	703.7002	0.0345	0.0000	704.5635
Stationary	0.0373	0.1659	0.6640	4.0700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	737.5538	737.5538	0.0141	0.0000	737.9072
Waste						0.0000	0.0000		0.0000	0.0000	21.4237	0.0000	21.4237	1.2661	0.0000	53.0762
Water						0.0000	0.0000		0.0000	0.0000	0.3471	11.1310	11.4781	0.0361	9.4000e-004	12.6601
Total	**0.2898**	**0.9146**	**2.6654**	**0.0117**	**0.6520**	**0.0574**	**0.7093**	**0.1747**	**0.0569**	**0.2317**	**21.7708**	**1,452.3854**	**1,474.1562**	**1.3509**	**9.4000e-004**	**1,508.2076**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0884	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.2000e-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	0.0000
Mobile	0.1641	0.7487	2.0011	7.6000e-003	0.6520	5.8700e-003	0.6578	0.1747	5.4500e-003	0.1802	0.0000	703.7002	703.7002	0.0345	0.0000	704.5635
Stationary	0.0373	0.1659	0.6640	4.0700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	737.5538	737.5538	0.0141	0.0000	737.9072
Waste						0.0000	0.0000		0.0000	0.0000	21.4237	0.0000	21.4237	1.2661	0.0000	53.0762
Water						0.0000	0.0000		0.0000	0.0000	0.3471	11.1310	11.4781	0.0361	9.4000e-004	12.6601
Total	**0.2898**	**0.9146**	**2.6654**	**0.0117**	**0.6520**	**0.0574**	**0.7093**	**0.1747**	**0.0569**	**0.2317**	**21.7708**	**1,452.3854**	**1,474.1562**	**1.3509**	**9.4000e-004**	**1,508.2076**

	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	10/3/2022	10/28/2022	5	20	
2	Site Preparation	Site Preparation	10/29/2022	11/4/2022	5	5	
3	Grading	Grading	11/5/2022	11/16/2022	5	8	
4	Building Construction	Building Construction	11/17/2022	10/4/2023	5	230	
5	Paving	Paving	10/5/2023	10/30/2023	5	18	
6	Architectural Coating	Architectural Coating	10/31/2023	11/23/2023	5	18	

Acres of Grading (Site Preparation Phase): 3

Acres of Grading (Grading Phase): 7.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 32,400; Non-Residential Outdoor: 10,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

SGV Aquatics - Los Angeles-South Coast County, Annual

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	8.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Excavators	1	6.00	158	0.38
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Welders	3	8.00	46	0.45
Demolition	Tractors/Loaders/Backhoes	3		97	0.37
Demolition	Excavators	3	8.00	158	0.38
Grading	Excavators	1	8.00	158	0.38

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
Demolition	8	13.00	0.00	87.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	8.00	0.00	912.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	26.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.3600e-003	0.0000	9.3600e-003	1.4200e-003	0.0000	1.4200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0180	0.1693	0.1701	3.0000e-004		8.2500e-003	8.2500e-003		7.7100e-003	7.7100e-003	0.0000	26.4875	26.4875	7.1200e-003	0.0000	26.6655
Total	**0.0180**	**0.1693**	**0.1701**	**3.0000e-004**	**9.3600e-003**	**8.2500e-003**	**0.0176**	**1.4200e-003**	**7.7100e-003**	**9.1300e-003**	**0.0000**	**26.4875**	**26.4875**	**7.1200e-003**	**0.0000**	**26.6655**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.5000e-004	0.0112	2.7800e-003	3.0000e-005	7.5000e-004	3.0000e-005	7.8000e-004	2.1000e-004	3.0000e-005	2.4000e-004	0.0000	3.2766	3.2766	2.3000e-004	0.0000	3.2822
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	5.2000e-004	3.9000e-004	4.5300e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2404	1.2404	3.0000e-005	0.0000	1.2413
Total	**8.7000e-004**	**0.0116**	**7.3100e-003**	**4.0000e-005**	**2.1700e-003**	**4.0000e-005**	**2.2200e-003**	**5.9000e-004**	**4.0000e-005**	**6.3000e-004**	**0.0000**	**4.5170**	**4.5170**	**2.6000e-004**	**0.0000**	**4.5235**

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					3.6500e-003	0.0000	3.6500e-003	5.5000e-004	0.0000	5.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0180	0.1693	0.1701	3.0000e-004		8.2500e-003	8.2500e-003		7.7100e-003	7.7100e-003	0.0000	26.4875	26.4875	7.1200e-003	0.0000	26.6655
Total	**0.0180**	**0.1693**	**0.1701**	**3.0000e-004**	**3.6500e-003**	**8.2500e-003**	**0.0119**	**5.5000e-004**	**7.7100e-003**	**8.2600e-003**	**0.0000**	**26.4875**	**26.4875**	**7.1200e-003**	**0.0000**	**26.6655**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.5000e-004	0.0112	2.7800e-003	3.0000e-005	7.5000e-004	3.0000e-005	7.8000e-004	2.1000e-004	3.0000e-005	2.4000e-004	0.0000	3.2766	3.2766	2.3000e-004	0.0000	3.2822
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	5.2000e-004	3.9000e-004	4.5300e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2404	1.2404	3.0000e-005	0.0000	1.2413
Total	**8.7000e-004**	**0.0116**	**7.3100e-003**	**4.0000e-005**	**2.1700e-003**	**4.0000e-005**	**2.2200e-003**	**5.9000e-004**	**4.0000e-005**	**6.3000e-004**	**0.0000**	**4.5170**	**4.5170**	**2.6000e-004**	**0.0000**	**4.5235**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0174	0.0000	0.0174	8.8600e-003	0.0000	8.8600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2800e-003	0.0366	0.0177	4.0000e-005		1.5600e-003	1.5600e-003		1.4300e-003	1.4300e-003	0.0000	3.7788	3.7788	1.2200e-003	0.0000	3.8094
Total	**3.2800e-003**	**0.0366**	**0.0177**	**4.0000e-005**	**0.0174**	**1.5600e-003**	**0.0190**	**8.8600e-003**	**1.4300e-003**	**0.0103**	**0.0000**	**3.7788**	**3.7788**	**1.2200e-003**	**0.0000**	**3.8094**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	6.0000e-005	7.0000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1908	0.1908	1.0000e-005	0.0000	0.1910
Total	**8.0000e-005**	**6.0000e-005**	**7.0000e-004**	**0.0000**	**2.2000e-004**	**0.0000**	**2.2000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.1908**	**0.1908**	**1.0000e-005**	**0.0000**	**0.1910**

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					6.7900e-003	0.0000	6.7900e-003	3.4600e-003	0.0000	3.4600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2800e-003	0.0366	0.0177	4.0000e-005		1.5600e-003	1.5600e-003		1.4300e-003	1.4300e-003	0.0000	3.7788	3.7788	1.2200e-003	0.0000	3.8094
Total	**3.2800e-003**	**0.0366**	**0.0177**	**4.0000e-005**	**6.7900e-003**	**1.5600e-003**	**8.3500e-003**	**3.4600e-003**	**1.4300e-003**	**4.8900e-003**	**0.0000**	**3.7788**	**3.7788**	**1.2200e-003**	**0.0000**	**3.8094**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	6.0000e-005	7.0000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1908	0.1908	1.0000e-005	0.0000	0.1910
Total	**8.0000e-005**	**6.0000e-005**	**7.0000e-004**	**0.0000**	**2.2000e-004**	**0.0000**	**2.2000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.1908**	**0.1908**	**1.0000e-005**	**0.0000**	**0.1910**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0496	0.0000	0.0496	0.0253	0.0000	0.0253	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1400e-003	0.0551	0.0368	8.0000e-005		2.4100e-003	2.4100e-003		2.2200e-003	2.2200e-003	0.0000	6.7670	6.7670	2.1900e-003	0.0000	6.8217
Total	**5.1400e-003**	**0.0551**	**0.0368**	**8.0000e-005**	**0.0496**	**2.4100e-003**	**0.0520**	**0.0253**	**2.2200e-003**	**0.0275**	**0.0000**	**6.7670**	**6.7670**	**2.1900e-003**	**0.0000**	**6.8217**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.6600e-003	0.1172	0.0291	3.5000e-004	7.8400e-003	3.3000e-004	8.1700e-003	2.1500e-003	3.1000e-004	2.4700e-003	0.0000	34.3473	34.3473	2.3800e-003	0.0000	34.4067
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	1.3000e-004	1.0000e-004	1.1100e-003	0.0000	3.5000e-004	0.0000	3.5000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3053	0.3053	1.0000e-005	0.0000	0.3055
Total	**3.7900e-003**	**0.1173**	**0.0302**	**3.5000e-004**	**8.1900e-003**	**3.3000e-004**	**8.5200e-003**	**2.2400e-003**	**3.1000e-004**	**2.5700e-003**	**0.0000**	**34.6527**	**34.6527**	**2.3900e-003**	**0.0000**	**34.7123**

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	9.8700e-003	0.0000	9.8700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1400e-003	0.0551	0.0368	8.0000e-005		2.4100e-003	2.4100e-003		2.2200e-003	2.2200e-003	0.0000	6.7670	6.7670	2.1900e-003	0.0000	6.8217
Total	**5.1400e-003**	**0.0551**	**0.0368**	**8.0000e-005**	**0.0193**	**2.4100e-003**	**0.0217**	**9.8700e-003**	**2.2200e-003**	**0.0121**	**0.0000**	**6.7670**	**6.7670**	**2.1900e-003**	**0.0000**	**6.8217**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.6600e-003	0.1172	0.0291	3.5000e-004	7.8400e-003	3.3000e-004	8.1700e-003	2.1500e-003	3.1000e-004	2.4700e-003	0.0000	34.3473	34.3473	2.3800e-003	0.0000	34.4067
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	1.3000e-004	1.0000e-004	1.1100e-003	0.0000	3.5000e-004	0.0000	3.5000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3053	0.3053	1.0000e-005	0.0000	0.3055
Total	**3.7900e-003**	**0.1173**	**0.0302**	**3.5000e-004**	**8.1900e-003**	**3.3000e-004**	**8.5200e-003**	**2.2400e-003**	**3.1000e-004**	**2.5700e-003**	**0.0000**	**34.6527**	**34.6527**	**2.3900e-003**	**0.0000**	**34.7123**

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	0.0320	0.2533	0.2739	4.6000e-004		0.0123	0.0123		0.0117	0.0117	0.0000	38.7513	38.7513	8.2000e-003	0.0000	38.9562
Total	**0.0320**	**0.2533**	**0.2739**	**4.6000e-004**		**0.0123**	**0.0123**		**0.0117**	**0.0117**	**0.0000**	**38.7513**	**38.7513**	**8.2000e-003**	**0.0000**	**38.9562**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7000e-004	0.0150	4.0500e-003	4.0000e-005	1.0100e-003	3.0000e-005	1.0400e-003	2.9000e-004	3.0000e-005	3.2000e-004	0.0000	3.9093	3.9093	2.3000e-004	0.0000	3.9151
Worker	1.6800e-003	1.2600e-003	0.0145	4.0000e-005	4.5600e-003	4.0000e-005	4.5900e-003	1.2100e-003	3.0000e-005	1.2400e-003	0.0000	3.9693	3.9693	1.1000e-004	0.0000	3.9720
Total	**2.1500e-003**	**0.0163**	**0.0185**	**8.0000e-005**	**5.5700e-003**	**7.0000e-005**	**5.6300e-003**	**1.5000e-003**	**6.0000e-005**	**1.5600e-003**	**0.0000**	**7.8786**	**7.8786**	**3.4000e-004**	**0.0000**	**7.8872**

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	0.0320	0.2533	0.2739	4.6000e-004		0.0123	0.0123		0.0117	0.0117	0.0000	38.7512	38.7512	8.2000e-003	0.0000	38.9562
Total	**0.0320**	**0.2533**	**0.2739**	**4.6000e-004**		**0.0123**	**0.0123**		**0.0117**	**0.0117**	**0.0000**	**38.7512**	**38.7512**	**8.2000e-003**	**0.0000**	**38.9562**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7000e-004	0.0150	4.0500e-003	4.0000e-005	1.0100e-003	3.0000e-005	1.0400e-003	2.9000e-004	3.0000e-005	3.2000e-004	0.0000	3.9093	3.9093	2.3000e-004	0.0000	3.9151
Worker	1.6800e-003	1.2600e-003	0.0145	4.0000e-005	4.5600e-003	4.0000e-005	4.5900e-003	1.2100e-003	3.0000e-005	1.2400e-003	0.0000	3.9693	3.9693	1.1000e-004	0.0000	3.9720
Total	**2.1500e-003**	**0.0163**	**0.0185**	**8.0000e-005**	**5.5700e-003**	**7.0000e-005**	**5.6300e-003**	**1.5000e-003**	**6.0000e-005**	**1.5600e-003**	**0.0000**	**7.8786**	**7.8786**	**3.4000e-004**	**0.0000**	**7.8872**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1831	1.4546	1.6816	2.8700e-003		0.0663	0.0663		0.0633	0.0633	0.0000	239.8091	239.8091	0.0499	0.0000	241.0577
Total	**0.1831**	**1.4546**	**1.6816**	**2.8700e-003**		**0.0663**	**0.0663**		**0.0633**	**0.0633**	**0.0000**	**239.8091**	**239.8091**	**0.0499**	**0.0000**	**241.0577**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1400e-003	0.0701	0.0225	2.4000e-004	6.2400e-003	8.0000e-005	6.3200e-003	1.8000e-003	8.0000e-005	1.8800e-003	0.0000	23.4316	23.4316	1.2800e-003	0.0000	23.4635
Worker	9.7700e-003	7.0400e-003	0.0825	2.6000e-004	0.0282	2.2000e-004	0.0284	7.4900e-003	2.0000e-004	7.6900e-003	0.0000	23.6612	23.6612	6.1000e-004	0.0000	23.6765
Total	**0.0119**	**0.0772**	**0.1050**	**5.0000e-004**	**0.0345**	**3.0000e-004**	**0.0347**	**9.2900e-003**	**2.8000e-004**	**9.5700e-003**	**0.0000**	**47.0928**	**47.0928**	**1.8900e-003**	**0.0000**	**47.1399**

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	0.1831	1.4545	1.6816	2.8700e-003		0.0663	0.0663		0.0633	0.0633	0.0000	239.8088	239.8088	0.0499	0.0000	241.0574
Total	**0.1831**	**1.4545**	**1.6816**	**2.8700e-003**		**0.0663**	**0.0663**		**0.0633**	**0.0633**	**0.0000**	**239.8088**	**239.8088**	**0.0499**	**0.0000**	**241.0574**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1400e-003	0.0701	0.0225	2.4000e-004	6.2400e-003	8.0000e-005	6.3200e-003	1.8000e-003	8.0000e-005	1.8800e-003	0.0000	23.4316	23.4316	1.2800e-003	0.0000	23.4635
Worker	9.7700e-003	7.0400e-003	0.0825	2.6000e-004	0.0282	2.2000e-004	0.0284	7.4900e-003	2.0000e-004	7.6900e-003	0.0000	23.6612	23.6612	6.1000e-004	0.0000	23.6765
Total	**0.0119**	**0.0772**	**0.1050**	**5.0000e-004**	**0.0345**	**3.0000e-004**	**0.0347**	**9.2900e-003**	**2.8000e-004**	**9.5700e-003**	**0.0000**	**47.0928**	**47.0928**	**1.8900e-003**	**0.0000**	**47.1399**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4500e-003	0.0808	0.1079	1.7000e-004		4.0300e-003	4.0300e-003		3.7300e-003	3.7300e-003	0.0000	14.3740	14.3740	4.4700e-003	0.0000	14.4857
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.4500e-003**	**0.0808**	**0.1079**	**1.7000e-004**		**4.0300e-003**	**4.0300e-003**		**3.7300e-003**	**3.7300e-003**	**0.0000**	**14.3740**	**14.3740**	**4.4700e-003**	**0.0000**	**14.4857**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	6.8000e-004	4.9000e-004	5.7700e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.4000e-004	0.0000	1.6546	1.6546	4.0000e-005	0.0000	1.6557
Total	**6.8000e-004**	**4.9000e-004**	**5.7700e-003**	**2.0000e-005**	**1.9700e-003**	**2.0000e-005**	**1.9900e-003**	**5.2000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.6546**	**1.6546**	**4.0000e-005**	**0.0000**	**1.6557**

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	8.4500e-003	0.0808	0.1079	1.7000e-004		4.0300e-003	4.0300e-003		3.7300e-003	3.7300e-003	0.0000	14.3739	14.3739	4.4700e-003	0.0000	14.4856
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.4500e-003**	**0.0808**	**0.1079**	**1.7000e-004**		**4.0300e-003**	**4.0300e-003**		**3.7300e-003**	**3.7300e-003**	**0.0000**	**14.3739**	**14.3739**	**4.4700e-003**	**0.0000**	**14.4856**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	6.8000e-004	4.9000e-004	5.7700e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.4000e-004	0.0000	1.6546	1.6546	4.0000e-005	0.0000	1.6557
Total	**6.8000e-004**	**4.9000e-004**	**5.7700e-003**	**2.0000e-005**	**1.9700e-003**	**2.0000e-005**	**1.9900e-003**	**5.2000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.6546**	**1.6546**	**4.0000e-005**	**0.0000**	**1.6557**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1001					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7200e-003	0.0117	0.0163	3.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	2.2979	2.2979	1.4000e-004	0.0000	2.3014
Total	**0.1018**	**0.0117**	**0.0163**	**3.0000e-005**		**6.4000e-004**	**6.4000e-004**		**6.4000e-004**	**6.4000e-004**	**0.0000**	**2.2979**	**2.2979**	**1.4000e-004**	**0.0000**	**2.3014**

3.7 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.7000e-004	1.2000e-004	1.4400e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4137	0.4137	1.0000e-005	0.0000	0.4139
Total	**1.7000e-004**	**1.2000e-004**	**1.4400e-003**	**0.0000**	**4.9000e-004**	**0.0000**	**5.0000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.4137**	**0.4137**	**1.0000e-005**	**0.0000**	**0.4139**

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	0.1001					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7200e-003	0.0117	0.0163	3.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	2.2979	2.2979	1.4000e-004	0.0000	2.3014
Total	**0.1018**	**0.0117**	**0.0163**	**3.0000e-005**		**6.4000e-004**	**6.4000e-004**		**6.4000e-004**	**6.4000e-004**	**0.0000**	**2.2979**	**2.2979**	**1.4000e-004**	**0.0000**	**2.3014**

3.7 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.7000e-004	1.2000e-004	1.4400e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4137	0.4137	1.0000e-005	0.0000	0.4139
Total	**1.7000e-004**	**1.2000e-004**	**1.4400e-003**	**0.0000**	**4.9000e-004**	**0.0000**	**5.0000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.4137**	**0.4137**	**1.0000e-005**	**0.0000**	**0.4139**

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	0.1641	0.7487	2.0011	7.6000e-003	0.6520	5.8700e-003	0.6578	0.1747	5.4500e-003	0.1802	0.0000	703.7002	703.7002	0.0345	0.0000	704.5635
Unmitigated	0.1641	0.7487	2.0011	7.6000e-003	0.6520	5.8700e-003	0.6578	0.1747	5.4500e-003	0.1802	0.0000	703.7002	703.7002	0.0345	0.0000	704.5635

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	1.89	22.75	16.74	20,118	20,118
Recreational Swimming Pool	843.05	266.40	398.12	1,697,811	1,697,811
Total	844.94	289.15	414.86	1,717,929	1,717,929

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Recreational Swimming Pool	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	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			
City Park	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	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			
City Park	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	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	0.0884	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.2000e-004
Unmitigated	0.0884	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.2000e-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	tons/yr										MT/yr					
Architectural Coating	0.0100					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0784					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.2000e-004
Total	**0.0884**	**0.0000**	**2.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**4.8000e-004**	**4.8000e-004**	**0.0000**	**0.0000**	**5.2000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0100					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0784					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.8000e-004	4.8000e-004	0.0000	0.0000	5.2000e-004
Total	**0.0884**	**0.0000**	**2.5000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**4.8000e-004**	**4.8000e-004**	**0.0000**	**0.0000**	**5.2000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	11.4781	0.0361	9.4000e-004	12.6601
Unmitigated	11.4781	0.0361	9.4000e-004	12.6601

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.19148	4.2177	1.7000e-004	4.0000e-005	4.2328
Recreational Swimming Pool	1.09415 / 0.670607	7.2604	0.0359	9.0000e-004	8.4273
Total		**11.4781**	**0.0361**	**9.4000e-004**	**12.6601**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.19148	4.2177	1.7000e-004	4.0000e-005	4.2328
Recreational Swimming Pool	1.09415 / 0.670607	7.2604	0.0359	9.0000e-004	8.4273
Total		**11.4781**	**0.0361**	**9.4000e-004**	**12.6601**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	21.4237	1.2661	0.0000	53.0762
Unmitigated	21.4237	1.2661	0.0000	53.0762

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.09	0.0183	1.0800e-003	0.0000	0.0453
Recreational Swimming Pool	105.45	21.4054	1.2650	0.0000	53.0310
Total		**21.4237**	**1.2661**	**0.0000**	**53.0762**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.09	0.0183	1.0800e-003	0.0000	0.0453
Recreational Swimming Pool	105.45	21.4054	1.2650	0.0000	53.0310
Total		**21.4237**	**1.2661**	**0.0000**	**53.0762**

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
Boiler	3	48	4607	1.99	CNG

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Boiler - CNG (0 - 2 MMBTU)	0.0373	0.1659	0.6640	4.0700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	737.5538	737.5538	0.0141	0.0000	737.9072
Total	**0.0373**	**0.1659**	**0.6640**	**4.0700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**737.5538**	**737.5538**	**0.0141**	**0.0000**	**737.9072**

11.0 Vegetation

SGV Aquatics

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Recreational Swimming Pool	18.50	1000sqft	2.50	18,500.00	0
City Park	1.00	Acre	1.00	43,560.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

SGV Aquatics - Los Angeles-South Coast County, Summer

Project Characteristics -

Land Use - Site acreage per client.

Construction Phase - Construction phase durations per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment -

Grading -

Demolition -

Energy Use -

Stationary Sources - Process Boilers -

Vehicle Trips - Trip rates per traffic report.

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblGrading	AcresOfGrading	3.00	7.50
tblGrading	AcresOfGrading	2.50	3.00
tblGrading	MaterialExported	0.00	7,300.00
tblLandUse	LotAcreage	0.42	2.50
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblStationaryBoilersUse	AnnualHeatInput	0.00	4,607.00
tblStationaryBoilersUse	BoilerRatingValue	0.00	1.99
tblStationaryBoilersUse	DailyHeatInput	0.00	48.00
tblStationaryBoilersUse	NumberOfEquipment	0.00	3.00
tblTripsAndVMT	HaulingTripNumber	913.00	912.00
tblTripsAndVMT	WorkerTripNumber	20.00	13.00
tblTripsAndVMT	WorkerTripNumber	10.00	8.00
tblTripsAndVMT	WorkerTripNumber	18.00	20.00
tblVehicleTrips	ST_TR	9.10	14.40
tblVehicleTrips	SU_TR	13.60	21.52
tblVehicleTrips	WD_TR	33.82	45.57

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					
2022	2.2223	42.2101	18.3239	0.1079	7.6968	0.8295	8.3823	3.1758	0.7753	3.8094	0.0000	11,488.0906	11,488.0906	1.2506	0.0000	11,519.3551
2023	11.3345	15.4556	18.0929	0.0342	0.3546	0.6725	1.0272	0.0955	0.6423	0.7378	0.0000	3,209.2570	3,209.2570	0.5771	0.0000	3,223.6832
Maximum	**11.3345**	**42.2101**	**18.3239**	**0.1079**	**7.6968**	**0.8295**	**8.3823**	**3.1758**	**0.7753**	**3.8094**	**0.0000**	**11,488.0906**	**11,488.0906**	**1.2506**	**0.0000**	**11,519.3551**

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					
2022	2.2223	42.2101	18.3239	0.1079	4.2723	0.8295	4.9578	1.5864	0.7753	2.2200	0.0000	11,488.0906	11,488.0906	1.2506	0.0000	11,519.3551
2023	11.3345	15.4556	18.0929	0.0342	0.3546	0.6725	1.0272	0.0955	0.6423	0.7378	0.0000	3,209.2570	3,209.2570	0.5771	0.0000	3,223.6832
Maximum	**11.3345**	**42.2101**	**18.3239**	**0.1079**	**4.2723**	**0.8295**	**4.9578**	**1.5864**	**0.7753**	**2.2200**	**0.0000**	**11,488.0906**	**11,488.0906**	**1.2506**	**0.0000**	**11,519.3551**

	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**	**42.53**	**0.00**	**36.39**	**48.59**	**0.00**	**34.95**	**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	0.4844	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.2700e-003	4.2700e-003	1.0000e-005		4.5500e-003
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	1.1794	4.8978	13.9781	0.0534	4.5049	0.0397	4.5446	1.2055	0.0369	1.2424		5,442.9104	5,442.9104	0.2587		5,449.3789
Stationary	0.7765	3.4561	13.8355	0.0847		1.0730	1.0730		1.0730	1.0730		16,941.4659	16,941.4659	0.3247		16,949.5837
Total	**2.4403**	**8.3539**	**27.8156**	**0.1381**	**4.5049**	**1.1127**	**5.6176**	**1.2055**	**1.1099**	**2.3153**		**22,384.3806**	**22,384.3806**	**0.5835**	**0.0000**	**22,398.9672**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.4844	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.2700e-003	4.2700e-003	1.0000e-005		4.5500e-003
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	1.1794	4.8978	13.9781	0.0534	4.5049	0.0397	4.5446	1.2055	0.0369	1.2424		5,442.9104	5,442.9104	0.2587		5,449.3789
Stationary	0.7765	3.4561	13.8355	0.0847		1.0730	1.0730		1.0730	1.0730		16,941.4659	16,941.4659	0.3247		16,949.5837
Total	**2.4403**	**8.3539**	**27.8156**	**0.1381**	**4.5049**	**1.1127**	**5.6176**	**1.2055**	**1.1099**	**2.3153**		**22,384.3806**	**22,384.3806**	**0.5835**	**0.0000**	**22,398.9672**

	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

SGV Aquatics - Los Angeles-South Coast County, Summer

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/3/2022	10/28/2022	5	20	
2	Site Preparation	Site Preparation	10/29/2022	11/4/2022	5	5	
3	Grading	Grading	11/5/2022	11/16/2022	5	8	
4	Building Construction	Building Construction	11/17/2022	10/4/2023	5	230	
5	Paving	Paving	10/5/2023	10/30/2023	5	18	
6	Architectural Coating	Architectural Coating	10/31/2023	11/23/2023	5	18	

Acres of Grading (Site Preparation Phase): 3

Acres of Grading (Grading Phase): 7.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 32,400; Non-Residential Outdoor: 10,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

SGV Aquatics - Los Angeles-South Coast County, Summer

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	8.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Excavators	1	6.00	158	0.38
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Welders	3	8.00	46	0.45
Demolition	Tractors/Loaders/Backhoes	3		97	0.37
Demolition	Excavators	3	8.00	158	0.38
Grading	Excavators	1	8.00	158	0.38

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
Demolition	8	13.00	0.00	87.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	8.00	0.00	912.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	26.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 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					
Fugitive Dust					0.9362	0.0000	0.9362	0.1418	0.0000	0.1418			0.0000			0.0000
Off-Road	1.8021	16.9257	17.0121	0.0303		0.8253	0.8253		0.7713	0.7713		2,919.7458	2,919.7458	0.7850		2,939.3697
Total	**1.8021**	**16.9257**	**17.0121**	**0.0303**	**0.9362**	**0.8253**	**1.7615**	**0.1418**	**0.7713**	**0.9130**		**2,919.7458**	**2,919.7458**	**0.7850**		**2,939.3697**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0345	1.0840	0.2708	3.3500e-003	0.0761	3.1100e-003	0.0792	0.0209	2.9800e-003	0.0238		363.8492	363.8492	0.0246		364.4645
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	0.0522	0.0346	0.4831	1.4300e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		142.8326	142.8326	3.9400e-003		142.9312
Total	**0.0867**	**1.1186**	**0.7539**	**4.7800e-003**	**0.2214**	**4.2500e-003**	**0.2256**	**0.0594**	**4.0300e-003**	**0.0634**		**506.6818**	**506.6818**	**0.0286**		**507.3957**

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					0.3651	0.0000	0.3651	0.0553	0.0000	0.0553			0.0000			0.0000
Off-Road	1.8021	16.9257	17.0121	0.0303		0.8253	0.8253		0.7713	0.7713	0.0000	2,919.7458	2,919.7458	0.7850		2,939.3697
Total	**1.8021**	**16.9257**	**17.0121**	**0.0303**	**0.3651**	**0.8253**	**1.1904**	**0.0553**	**0.7713**	**0.8266**	**0.0000**	**2,919.7458**	**2,919.7458**	**0.7850**		**2,939.3697**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0345	1.0840	0.2708	3.3500e-003	0.0761	3.1100e-003	0.0792	0.0209	2.9800e-003	0.0238		363.8492	363.8492	0.0246		364.4645
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	0.0522	0.0346	0.4831	1.4300e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		142.8326	142.8326	3.9400e-003		142.9312
Total	**0.0867**	**1.1186**	**0.7539**	**4.7800e-003**	**0.2214**	**4.2500e-003**	**0.2256**	**0.0594**	**4.0300e-003**	**0.0634**		**506.6818**	**506.6818**	**0.0286**		**507.3957**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.9056	0.0000	5.9056	2.9652	0.0000	2.9652			0.0000			0.0000
Off-Road	1.3122	14.6277	7.0939	0.0172		0.6225	0.6225		0.5727	0.5727		1,666.1738	1,666.1738	0.5389		1,679.6457
Total	**1.3122**	**14.6277**	**7.0939**	**0.0172**	**5.9056**	**0.6225**	**6.5282**	**2.9652**	**0.5727**	**3.5379**		**1,666.1738**	**1,666.1738**	**0.5389**		**1,679.6457**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0321	0.0213	0.2973	8.8000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		87.8970	87.8970	2.4300e-003		87.9576
Total	**0.0321**	**0.0213**	**0.2973**	**8.8000e-004**	**0.0894**	**7.0000e-004**	**0.0901**	**0.0237**	**6.4000e-004**	**0.0244**		**87.8970**	**87.8970**	**2.4300e-003**		**87.9576**

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					2.3032	0.0000	2.3032	1.1564	0.0000	1.1564			0.0000			0.0000
Off-Road	1.3122	14.6277	7.0939	0.0172		0.6225	0.6225		0.5727	0.5727	0.0000	1,666.1738	1,666.1738	0.5389		1,679.6457
Total	**1.3122**	**14.6277**	**7.0939**	**0.0172**	**2.3032**	**0.6225**	**2.9257**	**1.1564**	**0.5727**	**1.7291**	**0.0000**	**1,666.1738**	**1,666.1738**	**0.5389**		**1,679.6457**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0321	0.0213	0.2973	8.8000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		87.8970	87.8970	2.4300e-003		87.9576
Total	**0.0321**	**0.0213**	**0.2973**	**8.8000e-004**	**0.0894**	**7.0000e-004**	**0.0901**	**0.0237**	**6.4000e-004**	**0.0244**		**87.8970**	**87.8970**	**2.4300e-003**		**87.9576**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.6140	0.0000	5.6140	2.6057	0.0000	2.6057			0.0000			0.0000
Off-Road	1.2856	13.7816	9.1912	0.0193		0.6032	0.6032		0.5549	0.5549		1,864.8351	1,864.8351	0.6031		1,879.9132
Total	**1.2856**	**13.7816**	**9.1912**	**0.0193**	**5.6140**	**0.6032**	**6.2172**	**2.6057**	**0.5549**	**3.1606**		**1,864.8351**	**1,864.8351**	**0.6031**		**1,879.9132**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.9046	28.4073	7.0972	0.0878	1.9934	0.0816	2.0750	0.5464	0.0780	0.6245		9,535.3586	9,535.3586	0.6450		9,551.4843
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	0.0321	0.0213	0.2973	8.8000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		87.8970	87.8970	2.4300e-003		87.9576
Total	**0.9367**	**28.4286**	**7.3945**	**0.0887**	**2.0829**	**0.0823**	**2.1651**	**0.5702**	**0.0787**	**0.6488**		**9,623.2556**	**9,623.2556**	**0.6475**		**9,639.4419**

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					2.1895	0.0000	2.1895	1.0162	0.0000	1.0162			0.0000			0.0000
Off-Road	1.2856	13.7816	9.1912	0.0193		0.6032	0.6032		0.5549	0.5549	0.0000	1,864.8351	1,864.8351	0.6031		1,879.9132
Total	**1.2856**	**13.7816**	**9.1912**	**0.0193**	**2.1895**	**0.6032**	**2.7927**	**1.0162**	**0.5549**	**1.5711**	**0.0000**	**1,864.8351**	**1,864.8351**	**0.6031**		**1,879.9132**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.9046	28.4073	7.0972	0.0878	1.9934	0.0816	2.0750	0.5464	0.0780	0.6245		9,535.3586	9,535.3586	0.6450		9,551.4843
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	0.0321	0.0213	0.2973	8.8000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		87.8970	87.8970	2.4300e-003		87.9576
Total	**0.9367**	**28.4286**	**7.3945**	**0.0887**	**2.0829**	**0.0823**	**2.1651**	**0.5702**	**0.0787**	**0.6488**		**9,623.2556**	**9,623.2556**	**0.6475**		**9,639.4419**

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	2.0019	15.8326	17.1176	0.0290		0.7674	0.7674		0.7331	0.7331		2,669.7487	2,669.7487	0.5647		2,683.8667
Total	**2.0019**	**15.8326**	**17.1176**	**0.0290**		**0.7674**	**0.7674**		**0.7331**	**0.7331**		**2,669.7487**	**2,669.7487**	**0.5647**		**2,683.8667**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0285	0.9233	0.2402	2.5500e-003	0.0640	1.7400e-003	0.0658	0.0184	1.6600e-003	0.0201		272.4859	272.4859	0.0156		272.8768
Worker	0.1044	0.0692	0.9662	2.8700e-003	0.2906	2.2700e-003	0.2929	0.0771	2.1000e-003	0.0792		285.6652	285.6652	7.8800e-003		285.8623
Total	**0.1329**	**0.9925**	**1.2063**	**5.4200e-003**	**0.3546**	**4.0100e-003**	**0.3587**	**0.0955**	**3.7600e-003**	**0.0993**		**558.1511**	**558.1511**	**0.0235**		**558.7391**

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	2.0019	15.8326	17.1176	0.0290		0.7674	0.7674		0.7331	0.7331	0.0000	2,669.7487	2,669.7487	0.5647		2,683.8667
Total	**2.0019**	**15.8326**	**17.1176**	**0.0290**		**0.7674**	**0.7674**		**0.7331**	**0.7331**	**0.0000**	**2,669.7487**	**2,669.7487**	**0.5647**		**2,683.8667**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0285	0.9233	0.2402	2.5500e-003	0.0640	1.7400e-003	0.0658	0.0184	1.6600e-003	0.0201		272.4859	272.4859	0.0156		272.8768
Worker	0.1044	0.0692	0.9662	2.8700e-003	0.2906	2.2700e-003	0.2929	0.0771	2.1000e-003	0.0792		285.6652	285.6652	7.8800e-003		285.8623
Total	**0.1329**	**0.9925**	**1.2063**	**5.4200e-003**	**0.3546**	**4.0100e-003**	**0.3587**	**0.0955**	**3.7600e-003**	**0.0993**		**558.1511**	**558.1511**	**0.0235**		**558.7391**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8491	14.6924	16.9863	0.0290		0.6695	0.6695		0.6395	0.6395		2,670.1443	2,670.1443	0.5561		2,684.0463
Total	**1.8491**	**14.6924**	**16.9863**	**0.0290**		**0.6695**	**0.6695**		**0.6395**	**0.6395**		**2,670.1443**	**2,670.1443**	**0.5561**		**2,684.0463**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0212	0.7006	0.2169	2.4600e-003	0.0640	8.1000e-004	0.0648	0.0184	7.7000e-004	0.0192		263.9074	263.9074	0.0139		264.2539
Worker	0.0980	0.0626	0.8898	2.7600e-003	0.2906	2.2100e-003	0.2928	0.0771	2.0400e-003	0.0791		275.2053	275.2053	7.1100e-003		275.3830
Total	**0.1192**	**0.7632**	**1.1066**	**5.2200e-003**	**0.3546**	**3.0200e-003**	**0.3577**	**0.0955**	**2.8100e-003**	**0.0983**		**539.1128**	**539.1128**	**0.0210**		**539.6369**

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	1.8491	14.6924	16.9863	0.0290		0.6695	0.6695		0.6395	0.6395	0.0000	2,670.1443	2,670.1443	0.5561		2,684.0463
Total	**1.8491**	**14.6924**	**16.9863**	**0.0290**		**0.6695**	**0.6695**		**0.6395**	**0.6395**	**0.0000**	**2,670.1443**	**2,670.1443**	**0.5561**		**2,684.0463**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0212	0.7006	0.2169	2.4600e-003	0.0640	8.1000e-004	0.0648	0.0184	7.7000e-004	0.0192		263.9074	263.9074	0.0139		264.2539
Worker	0.0980	0.0626	0.8898	2.7600e-003	0.2906	2.2100e-003	0.2928	0.0771	2.0400e-003	0.0791		275.2053	275.2053	7.1100e-003		275.3830
Total	**0.1192**	**0.7632**	**1.1066**	**5.2200e-003**	**0.3546**	**3.0200e-003**	**0.3577**	**0.0955**	**2.8100e-003**	**0.0983**		**539.1128**	**539.1128**	**0.0210**		**539.6369**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9390	8.9780	11.9924	0.0186		0.4481	0.4481		0.4146	0.4146		1,760.5089	1,760.5089	0.5472		1,774.1888
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9390**	**8.9780**	**11.9924**	**0.0186**		**0.4481**	**0.4481**		**0.4146**	**0.4146**		**1,760.5089**	**1,760.5089**	**0.5472**		**1,774.1888**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0754	0.0482	0.6844	2.1200e-003	0.2236	1.7000e-003	0.2253	0.0593	1.5700e-003	0.0609		211.6964	211.6964	5.4700e-003		211.8331
Total	**0.0754**	**0.0482**	**0.6844**	**2.1200e-003**	**0.2236**	**1.7000e-003**	**0.2253**	**0.0593**	**1.5700e-003**	**0.0609**		**211.6964**	**211.6964**	**5.4700e-003**		**211.8331**

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	0.9390	8.9780	11.9924	0.0186		0.4481	0.4481		0.4146	0.4146	0.0000	1,760.5089	1,760.5089	0.5472		1,774.1888
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9390**	**8.9780**	**11.9924**	**0.0186**		**0.4481**	**0.4481**		**0.4146**	**0.4146**	**0.0000**	**1,760.5089**	**1,760.5089**	**0.5472**		**1,774.1888**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0754	0.0482	0.6844	2.1200e-003	0.2236	1.7000e-003	0.2253	0.0593	1.5700e-003	0.0609		211.6964	211.6964	5.4700e-003		211.8331
Total	**0.0754**	**0.0482**	**0.6844**	**2.1200e-003**	**0.2236**	**1.7000e-003**	**0.2253**	**0.0593**	**1.5700e-003**	**0.0609**		**211.6964**	**211.6964**	**5.4700e-003**		**211.8331**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.1240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**11.3157**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.7 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0189	0.0120	0.1711	5.3000e-004	0.0559	4.3000e-004	0.0563	0.0148	3.9000e-004	0.0152		52.9241	52.9241	1.3700e-003		52.9583
Total	**0.0189**	**0.0120**	**0.1711**	**5.3000e-004**	**0.0559**	**4.3000e-004**	**0.0563**	**0.0148**	**3.9000e-004**	**0.0152**		**52.9241**	**52.9241**	**1.3700e-003**		**52.9583**

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	11.1240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**11.3157**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.7 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0189	0.0120	0.1711	5.3000e-004	0.0559	4.3000e-004	0.0563	0.0148	3.9000e-004	0.0152		52.9241	52.9241	1.3700e-003		52.9583
Total	**0.0189**	**0.0120**	**0.1711**	**5.3000e-004**	**0.0559**	**4.3000e-004**	**0.0563**	**0.0148**	**3.9000e-004**	**0.0152**		**52.9241**	**52.9241**	**1.3700e-003**		**52.9583**

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	1.1794	4.8978	13.9781	0.0534	4.5049	0.0397	4.5446	1.2055	0.0369	1.2424		5,442.9104	5,442.9104	0.2587		5,449.3789
Unmitigated	1.1794	4.8978	13.9781	0.0534	4.5049	0.0397	4.5446	1.2055	0.0369	1.2424		5,442.9104	5,442.9104	0.2587		5,449.3789

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	1.89	22.75	16.74	20,118	20,118
Recreational Swimming Pool	843.05	266.40	398.12	1,697,811	1,697,811
Total	844.94	289.15	414.86	1,717,929	1,717,929

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Recreational Swimming Pool	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	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	0.4844	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.2700e-003	4.2700e-003	1.0000e-005		4.5500e-003
Unmitigated	0.4844	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.2700e-003	4.2700e-003	1.0000e-005		4.5500e-003

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	0.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4294					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.2700e-003	4.2700e-003	1.0000e-005		4.5500e-003
Total	**0.4844**	**2.0000e-005**	**1.9900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**4.2700e-003**	**4.2700e-003**	**1.0000e-005**		**4.5500e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4294					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.2700e-003	4.2700e-003	1.0000e-005		4.5500e-003
Total	**0.4844**	**2.0000e-005**	**1.9900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**4.2700e-003**	**4.2700e-003**	**1.0000e-005**		**4.5500e-003**

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
Boiler	3	48	4607	1.99	CNG

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Boiler - CNG (0 - 2 MMBTU)	0.7765	3.4561	13.8355	0.0847		1.0730	1.0730		1.0730	1.0730		16,941.4659	16,941.4659	0.3247		16,949.5837
Total	**0.7765**	**3.4561**	**13.8355**	**0.0847**		**1.0730**	**1.0730**		**1.0730**	**1.0730**		**16,941.4659**	**16,941.4659**	**0.3247**		**16,949.5837**

11.0 Vegetation

SGV Aquatics

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Recreational Swimming Pool	18.50	1000sqft	2.50	18,500.00	0
City Park	1.00	Acre	1.00	43,560.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

SGV Aquatics - Los Angeles-South Coast County, Winter

Project Characteristics -

Land Use - Site acreage per client.

Construction Phase - Construction phase durations per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment - Equipment types and daily usage per client.

Off-road Equipment -

Grading -

Demolition -

Energy Use -

Stationary Sources - Process Boilers -

Vehicle Trips - Trip rates per traffic report.

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblGrading	AcresOfGrading	3.00	7.50
tblGrading	AcresOfGrading	2.50	3.00
tblGrading	MaterialExported	0.00	7,300.00
tblLandUse	LotAcreage	0.42	2.50
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblStationaryBoilersUse	AnnualHeatInput	0.00	4,607.00
tblStationaryBoilersUse	BoilerRatingValue	0.00	1.99
tblStationaryBoilersUse	DailyHeatInput	0.00	48.00
tblStationaryBoilersUse	NumberOfEquipment	0.00	3.00
tblTripsAndVMT	HaulingTripNumber	913.00	912.00
tblTripsAndVMT	WorkerTripNumber	20.00	13.00
tblTripsAndVMT	WorkerTripNumber	10.00	8.00
tblTripsAndVMT	WorkerTripNumber	18.00	20.00
tblVehicleTrips	ST_TR	9.10	14.40
tblVehicleTrips	SU_TR	13.60	21.52
tblVehicleTrips	WD_TR	33.82	45.57

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					
2022	2.2479	42.5369	18.2652	0.1063	7.6968	0.8296	8.3836	3.1758	0.7754	3.8106	0.0000	11,316.3114	11,316.3114	1.2724	0.0000	11,348.1223
2023	11.3368	15.4590	18.0331	0.0340	0.3546	0.6726	1.0272	0.0955	0.6423	0.7378	0.0000	3,186.0329	3,186.0329	0.5774	0.0000	3,200.4682
Maximum	**11.3368**	**42.5369**	**18.2652**	**0.1063**	**7.6968**	**0.8296**	**8.3836**	**3.1758**	**0.7754**	**3.8106**	**0.0000**	**11,316.3114**	**11,316.3114**	**1.2724**	**0.0000**	**11,348.1223**

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					
2022	2.2479	42.5369	18.2652	0.1063	4.2723	0.8296	4.9590	1.5864	0.7754	2.2212	0.0000	11,316.3114	11,316.3114	1.2724	0.0000	11,348.1223
2023	11.3368	15.4590	18.0331	0.0340	0.3546	0.6726	1.0272	0.0955	0.6423	0.7378	0.0000	3,186.0329	3,186.0329	0.5774	0.0000	3,200.4682
Maximum	**11.3368**	**42.5369**	**18.2652**	**0.1063**	**4.2723**	**0.8296**	**4.9590**	**1.5864**	**0.7754**	**2.2212**	**0.0000**	**11,316.3114**	**11,316.3114**	**1.2724**	**0.0000**	**11,348.1223**

	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**	**42.53**	**0.00**	**36.39**	**48.59**	**0.00**	**34.94**	**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	0.4844	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.2700e-003	4.2700e-003	1.0000e-005		4.5500e-003
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	1.1409	4.9836	13.3906	0.0508	4.5049	0.0399	4.5448	1.2055	0.0371	1.2426		5,178.4318	5,178.4318	0.2594		5,184.9171
Stationary	0.7765	3.4561	13.8355	0.0847		1.0730	1.0730		1.0730	1.0730		16,941.4659	16,941.4659	0.3247		16,949.5837
Total	**2.4018**	**8.4396**	**27.2282**	**0.1355**	**4.5049**	**1.1129**	**5.6178**	**1.2055**	**1.1101**	**2.3155**		**22,119.9020**	**22,119.9020**	**0.5841**	**0.0000**	**22,134.5054**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.4844	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.2700e-003	4.2700e-003	1.0000e-005		4.5500e-003
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	1.1409	4.9836	13.3906	0.0508	4.5049	0.0399	4.5448	1.2055	0.0371	1.2426		5,178.4318	5,178.4318	0.2594		5,184.9171
Stationary	0.7765	3.4561	13.8355	0.0847		1.0730	1.0730		1.0730	1.0730		16,941.4659	16,941.4659	0.3247		16,949.5837
Total	**2.4018**	**8.4396**	**27.2282**	**0.1355**	**4.5049**	**1.1129**	**5.6178**	**1.2055**	**1.1101**	**2.3155**		**22,119.9020**	**22,119.9020**	**0.5841**	**0.0000**	**22,134.5054**

	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	10/3/2022	10/28/2022	5	20	
2	Site Preparation	Site Preparation	10/29/2022	11/4/2022	5	5	
3	Grading	Grading	11/5/2022	11/16/2022	5	8	
4	Building Construction	Building Construction	11/17/2022	10/4/2023	5	230	
5	Paving	Paving	10/5/2023	10/30/2023	5	18	
6	Architectural Coating	Architectural Coating	10/31/2023	11/23/2023	5	18	

Acres of Grading (Site Preparation Phase): 3

Acres of Grading (Grading Phase): 7.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 32,400; Non-Residential Outdoor: 10,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

SGV Aquatics - Los Angeles-South Coast County, Winter

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	8.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Excavators	1	6.00	158	0.38
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Welders	3	8.00	46	0.45
Demolition	Tractors/Loaders/Backhoes	3		97	0.37
Demolition	Excavators	3	8.00	158	0.38
Grading	Excavators	1	8.00	158	0.38

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
Demolition	8	13.00	0.00	87.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	8.00	0.00	912.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	26.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 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					
Fugitive Dust					0.9362	0.0000	0.9362	0.1418	0.0000	0.1418			0.0000			0.0000
Off-Road	1.8021	16.9257	17.0121	0.0303		0.8253	0.8253		0.7713	0.7713		2,919.7458	2,919.7458	0.7850		2,939.3697
Total	**1.8021**	**16.9257**	**17.0121**	**0.0303**	**0.9362**	**0.8253**	**1.7615**	**0.1418**	**0.7713**	**0.9130**		**2,919.7458**	**2,919.7458**	**0.7850**		**2,939.3697**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0354	1.0963	0.2866	3.2900e-003	0.0761	3.1600e-003	0.0792	0.0209	3.0200e-003	0.0239		357.4903	357.4903	0.0255		358.1266
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	0.0582	0.0383	0.4409	1.3500e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		134.4940	134.4940	3.7000e-003		134.5866
Total	**0.0936**	**1.1346**	**0.7275**	**4.6400e-003**	**0.2214**	**4.3000e-003**	**0.2257**	**0.0594**	**4.0700e-003**	**0.0635**		**491.9843**	**491.9843**	**0.0292**		**492.7132**

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					0.3651	0.0000	0.3651	0.0553	0.0000	0.0553			0.0000			0.0000
Off-Road	1.8021	16.9257	17.0121	0.0303		0.8253	0.8253		0.7713	0.7713	0.0000	2,919.7458	2,919.7458	0.7850		2,939.3697
Total	**1.8021**	**16.9257**	**17.0121**	**0.0303**	**0.3651**	**0.8253**	**1.1904**	**0.0553**	**0.7713**	**0.8266**	**0.0000**	**2,919.7458**	**2,919.7458**	**0.7850**		**2,939.3697**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0354	1.0963	0.2866	3.2900e-003	0.0761	3.1600e-003	0.0792	0.0209	3.0200e-003	0.0239		357.4903	357.4903	0.0255		358.1266
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	0.0582	0.0383	0.4409	1.3500e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		134.4940	134.4940	3.7000e-003		134.5866
Total	**0.0936**	**1.1346**	**0.7275**	**4.6400e-003**	**0.2214**	**4.3000e-003**	**0.2257**	**0.0594**	**4.0700e-003**	**0.0635**		**491.9843**	**491.9843**	**0.0292**		**492.7132**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.9056	0.0000	5.9056	2.9652	0.0000	2.9652			0.0000			0.0000
Off-Road	1.3122	14.6277	7.0939	0.0172		0.6225	0.6225		0.5727	0.5727		1,666.1738	1,666.1738	0.5389		1,679.6457
Total	**1.3122**	**14.6277**	**7.0939**	**0.0172**	**5.9056**	**0.6225**	**6.5282**	**2.9652**	**0.5727**	**3.5379**		**1,666.1738**	**1,666.1738**	**0.5389**		**1,679.6457**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0358	0.0236	0.2713	8.3000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		82.7656	82.7656	2.2800e-003		82.8225
Total	**0.0358**	**0.0236**	**0.2713**	**8.3000e-004**	**0.0894**	**7.0000e-004**	**0.0901**	**0.0237**	**6.4000e-004**	**0.0244**		**82.7656**	**82.7656**	**2.2800e-003**		**82.8225**

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					2.3032	0.0000	2.3032	1.1564	0.0000	1.1564			0.0000			0.0000
Off-Road	1.3122	14.6277	7.0939	0.0172		0.6225	0.6225		0.5727	0.5727	0.0000	1,666.1738	1,666.1738	0.5389		1,679.6457
Total	**1.3122**	**14.6277**	**7.0939**	**0.0172**	**2.3032**	**0.6225**	**2.9257**	**1.1564**	**0.5727**	**1.7291**	**0.0000**	**1,666.1738**	**1,666.1738**	**0.5389**		**1,679.6457**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0358	0.0236	0.2713	8.3000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		82.7656	82.7656	2.2800e-003		82.8225
Total	**0.0358**	**0.0236**	**0.2713**	**8.3000e-004**	**0.0894**	**7.0000e-004**	**0.0901**	**0.0237**	**6.4000e-004**	**0.0244**		**82.7656**	**82.7656**	**2.2800e-003**		**82.8225**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.6140	0.0000	5.6140	2.6057	0.0000	2.6057			0.0000			0.0000
Off-Road	1.2856	13.7816	9.1912	0.0193		0.6032	0.6032		0.5549	0.5549		1,864.8351	1,864.8351	0.6031		1,879.9132
Total	**1.2856**	**13.7816**	**9.1912**	**0.0193**	**5.6140**	**0.6032**	**6.2172**	**2.6057**	**0.5549**	**3.1606**		**1,864.8351**	**1,864.8351**	**0.6031**		**1,879.9132**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.9264	28.7317	7.5101	0.0862	1.9934	0.0828	2.0763	0.5464	0.0792	0.6257		9,368.7108	9,368.7108	0.6670		9,385.3866
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	0.0358	0.0236	0.2713	8.3000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		82.7656	82.7656	2.2800e-003		82.8225
Total	**0.9622**	**28.7553**	**7.7814**	**0.0871**	**2.0829**	**0.0835**	**2.1664**	**0.5702**	**0.0799**	**0.6500**		**9,451.4764**	**9,451.4764**	**0.6693**		**9,468.2091**

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					2.1895	0.0000	2.1895	1.0162	0.0000	1.0162			0.0000			0.0000
Off-Road	1.2856	13.7816	9.1912	0.0193		0.6032	0.6032		0.5549	0.5549	0.0000	1,864.8351	1,864.8351	0.6031		1,879.9132
Total	**1.2856**	**13.7816**	**9.1912**	**0.0193**	**2.1895**	**0.6032**	**2.7927**	**1.0162**	**0.5549**	**1.5711**	**0.0000**	**1,864.8351**	**1,864.8351**	**0.6031**		**1,879.9132**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.9264	28.7317	7.5101	0.0862	1.9934	0.0828	2.0763	0.5464	0.0792	0.6257		9,368.7108	9,368.7108	0.6670		9,385.3866
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	0.0358	0.0236	0.2713	8.3000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		82.7656	82.7656	2.2800e-003		82.8225
Total	**0.9622**	**28.7553**	**7.7814**	**0.0871**	**2.0829**	**0.0835**	**2.1664**	**0.5702**	**0.0799**	**0.6500**		**9,451.4764**	**9,451.4764**	**0.6693**		**9,468.2091**

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	2.0019	15.8326	17.1176	0.0290		0.7674	0.7674		0.7331	0.7331		2,669.7487	2,669.7487	0.5647		2,683.8667
Total	**2.0019**	**15.8326**	**17.1176**	**0.0290**		**0.7674**	**0.7674**		**0.7331**	**0.7331**		**2,669.7487**	**2,669.7487**	**0.5647**		**2,683.8667**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0300	0.9208	0.2658	2.4800e-003	0.0640	1.7900e-003	0.0658	0.0184	1.7100e-003	0.0202		264.9703	264.9703	0.0167		265.3866
Worker	0.1164	0.0766	0.8819	2.7000e-003	0.2906	2.2700e-003	0.2929	0.0771	2.1000e-003	0.0792		268.9881	268.9881	7.4100e-003		269.1732
Total	**0.1464**	**0.9974**	**1.1476**	**5.1800e-003**	**0.3546**	**4.0600e-003**	**0.3587**	**0.0955**	**3.8100e-003**	**0.0993**		**533.9583**	**533.9583**	**0.0241**		**534.5598**

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	2.0019	15.8326	17.1176	0.0290		0.7674	0.7674		0.7331	0.7331	0.0000	2,669.7487	2,669.7487	0.5647		2,683.8667
Total	**2.0019**	**15.8326**	**17.1176**	**0.0290**		**0.7674**	**0.7674**		**0.7331**	**0.7331**	**0.0000**	**2,669.7487**	**2,669.7487**	**0.5647**		**2,683.8667**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0300	0.9208	0.2658	2.4800e-003	0.0640	1.7900e-003	0.0658	0.0184	1.7100e-003	0.0202		264.9703	264.9703	0.0167		265.3866
Worker	0.1164	0.0766	0.8819	2.7000e-003	0.2906	2.2700e-003	0.2929	0.0771	2.1000e-003	0.0792		268.9881	268.9881	7.4100e-003		269.1732
Total	**0.1464**	**0.9974**	**1.1476**	**5.1800e-003**	**0.3546**	**4.0600e-003**	**0.3587**	**0.0955**	**3.8100e-003**	**0.0993**		**533.9583**	**533.9583**	**0.0241**		**534.5598**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8491	14.6924	16.9863	0.0290		0.6695	0.6695		0.6395	0.6395		2,670.1443	2,670.1443	0.5561		2,684.0463
Total	**1.8491**	**14.6924**	**16.9863**	**0.0290**		**0.6695**	**0.6695**		**0.6395**	**0.6395**		**2,670.1443**	**2,670.1443**	**0.5561**		**2,684.0463**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0223	0.6974	0.2362	2.4000e-003	0.0640	8.5000e-004	0.0649	0.0184	8.1000e-004	0.0193		256.7413	256.7413	0.0147		257.1078
Worker	0.1097	0.0693	0.8106	2.6000e-003	0.2906	2.2100e-003	0.2928	0.0771	2.0400e-003	0.0791		259.1474	259.1474	6.6700e-003		259.3141
Total	**0.1320**	**0.7667**	**1.0468**	**5.0000e-003**	**0.3546**	**3.0600e-003**	**0.3577**	**0.0955**	**2.8500e-003**	**0.0984**		**515.8887**	**515.8887**	**0.0213**		**516.4219**

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	1.8491	14.6924	16.9863	0.0290		0.6695	0.6695		0.6395	0.6395	0.0000	2,670.1443	2,670.1443	0.5561		2,684.0463
Total	**1.8491**	**14.6924**	**16.9863**	**0.0290**		**0.6695**	**0.6695**		**0.6395**	**0.6395**	**0.0000**	**2,670.1443**	**2,670.1443**	**0.5561**		**2,684.0463**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0223	0.6974	0.2362	2.4000e-003	0.0640	8.5000e-004	0.0649	0.0184	8.1000e-004	0.0193		256.7413	256.7413	0.0147		257.1078
Worker	0.1097	0.0693	0.8106	2.6000e-003	0.2906	2.2100e-003	0.2928	0.0771	2.0400e-003	0.0791		259.1474	259.1474	6.6700e-003		259.3141
Total	**0.1320**	**0.7667**	**1.0468**	**5.0000e-003**	**0.3546**	**3.0600e-003**	**0.3577**	**0.0955**	**2.8500e-003**	**0.0984**		**515.8887**	**515.8887**	**0.0213**		**516.4219**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9390	8.9780	11.9924	0.0186		0.4481	0.4481		0.4146	0.4146		1,760.5089	1,760.5089	0.5472		1,774.1888
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9390**	**8.9780**	**11.9924**	**0.0186**		**0.4481**	**0.4481**		**0.4146**	**0.4146**		**1,760.5089**	**1,760.5089**	**0.5472**		**1,774.1888**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0844	0.0533	0.6235	2.0000e-003	0.2236	1.7000e-003	0.2253	0.0593	1.5700e-003	0.0609		199.3441	199.3441	5.1300e-003		199.4724
Total	**0.0844**	**0.0533**	**0.6235**	**2.0000e-003**	**0.2236**	**1.7000e-003**	**0.2253**	**0.0593**	**1.5700e-003**	**0.0609**		**199.3441**	**199.3441**	**5.1300e-003**		**199.4724**

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	0.9390	8.9780	11.9924	0.0186		0.4481	0.4481		0.4146	0.4146	0.0000	1,760.5089	1,760.5089	0.5472		1,774.1888
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9390**	**8.9780**	**11.9924**	**0.0186**		**0.4481**	**0.4481**		**0.4146**	**0.4146**	**0.0000**	**1,760.5089**	**1,760.5089**	**0.5472**		**1,774.1888**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0844	0.0533	0.6235	2.0000e-003	0.2236	1.7000e-003	0.2253	0.0593	1.5700e-003	0.0609		199.3441	199.3441	5.1300e-003		199.4724
Total	**0.0844**	**0.0533**	**0.6235**	**2.0000e-003**	**0.2236**	**1.7000e-003**	**0.2253**	**0.0593**	**1.5700e-003**	**0.0609**		**199.3441**	**199.3441**	**5.1300e-003**		**199.4724**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.1240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**11.3157**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.7 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0211	0.0133	0.1559	5.0000e-004	0.0559	4.3000e-004	0.0563	0.0148	3.9000e-004	0.0152		49.8360	49.8360	1.2800e-003		49.8681
Total	**0.0211**	**0.0133**	**0.1559**	**5.0000e-004**	**0.0559**	**4.3000e-004**	**0.0563**	**0.0148**	**3.9000e-004**	**0.0152**		**49.8360**	**49.8360**	**1.2800e-003**		**49.8681**

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	11.1240					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**11.3157**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.7 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0211	0.0133	0.1559	5.0000e-004	0.0559	4.3000e-004	0.0563	0.0148	3.9000e-004	0.0152		49.8360	49.8360	1.2800e-003		49.8681
Total	**0.0211**	**0.0133**	**0.1559**	**5.0000e-004**	**0.0559**	**4.3000e-004**	**0.0563**	**0.0148**	**3.9000e-004**	**0.0152**		**49.8360**	**49.8360**	**1.2800e-003**		**49.8681**

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	1.1409	4.9836	13.3906	0.0508	4.5049	0.0399	4.5448	1.2055	0.0371	1.2426		5,178.4318	5,178.4318	0.2594		5,184.9171
Unmitigated	1.1409	4.9836	13.3906	0.0508	4.5049	0.0399	4.5448	1.2055	0.0371	1.2426		5,178.4318	5,178.4318	0.2594		5,184.9171

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	1.89	22.75	16.74	20,118	20,118
Recreational Swimming Pool	843.05	266.40	398.12	1,697,811	1,697,811
Total	844.94	289.15	414.86	1,717,929	1,717,929

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Recreational Swimming Pool	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	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	0.4844	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.2700e-003	4.2700e-003	1.0000e-005		4.5500e-003
Unmitigated	0.4844	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.2700e-003	4.2700e-003	1.0000e-005		4.5500e-003

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	0.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4294					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.2700e-003	4.2700e-003	1.0000e-005		4.5500e-003
Total	**0.4844**	**2.0000e-005**	**1.9900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**4.2700e-003**	**4.2700e-003**	**1.0000e-005**		**4.5500e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0549					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4294					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.2700e-003	4.2700e-003	1.0000e-005		4.5500e-003
Total	**0.4844**	**2.0000e-005**	**1.9900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**4.2700e-003**	**4.2700e-003**	**1.0000e-005**		**4.5500e-003**

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
Boiler	3	48	4607	1.99	CNG

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Boiler - CNG (0 - 2 MMBTU)	0.7765	3.4561	13.8355	0.0847		1.0730	1.0730		1.0730	1.0730		16,941.4659	16,941.4659	0.3247		16,949.5837
Total	**0.7765**	**3.4561**	**13.8355**	**0.0847**		**1.0730**	**1.0730**		**1.0730**	**1.0730**		**16,941.4659**	**16,941.4659**	**0.3247**		**16,949.5837**

11.0 Vegetation

Appendix B
Cultural Resources
Native American Outreach

W.H. Bonner Associates
Archaeofaunal Studies
Archaeological Surveys
Historical & Genealogical Research
RPA Register of Professional Archaeologists
15619 Ogram Avenu
Gardena, CA 90249-44
(310) 675-27
E-mail: whbonner@aol.cor

April 23, 2021

Wendy Lockwood
Sirius Environmental
1478 N. Altadena Drive
Pasadena, CA 91107

Subject: Cultural Resources Records Search Results for the San Gabriel Valley Aquatics Center, City of La Puente, Los Angeles County, CA

Dear Ms. Lockwood:

At your request, W. H. Bonner completed a cultural resources records search for the San Gabriel Valley Aquatics Center Project, located at 635 California Avenue, City of La Puente, California 91744 (see Figure 1). The records search was conducted on April 16, 2021, by staff at the South Central Coastal Information Center (SCCIC), California State University, Fullerton (SCCIC No. 22241.8397).

The proposed project would be located on a 3.5-acre site on the Temple Academy School campus, located at 635 California Avenue, within an unincorporated area of the County of Los Angeles immediately east of the City of La Puente. The site is bordered on the north by single-family homes with Evanswood Avenue beyond, on the east by the Allen J. Martin Park (which includes grassy areas, a playground and splash pad), on the south by the Temple Academy School with North California Avenue beyond the school, and on the west by East Temple Avenue (the City boundary for the City of La Puente runs down Temple Avenue in this area) and single-family homes are located across East Temple Avenue.

The County of Los Angeles proposes to construct and operate a publicly accessible aquatics center on 3.5-acre site that currently includes a parking lot and grassy playing field within the overall 9.36-acre campus of the Temple Academy public elementary school (grades K-6). The project would include two swimming pools (i.e., 55-yard by 25-yard competitive pool, and 27-yard by 25-yard practice pool), an approximately 10,800-square foot pool building, and additional facilities including a parking lot, spectator bleachers, and electronic scoreboard as well as a new one-acre park that would include an exercise area, barbeque area, shade structure, potential pollinator garden, plaza and amphitheater. The new park would integrate with the adjacent Allen J. Martin Park. The primary objective of the proposed project is to construct an aquatics facility for public use. The community, the County of Los Angeles, and the Hacienda La Puente Unified School District (HLPUSD) maintain a desire for a publicly accessible swimming facility and community park at this location. The swimming pool improvements are designed to meet the California Health and Safety Code Article 2.5 (Swimming Pool Safety Act) and Article 5 (Swimming Pool Sanitation and Safety), and the California Code of Regulations Title 22, Division 4 (Public Swimming Pools). Ground disturbance is planned to a depth of fifteen feet.

Record Search Results

- No Cultural Resources have been recorded on the subject property.

- No cultural resources have been recorded within the quarter-mile search radius.

- One cultural investigation has been performed within the quarter-mile radius. This investigation did not assess the project parcel (Attachment 1)

    LA08249 – Did not assess the project location

To identify any historic properties, the rolls of the National Register of Historic Places (NRHP), California Historical Landmarks (CHL), and California Points of Historical Interest (CPHI) were examined. The California State Historic Resources Inventory (HRI), was also reviewed to determine local resources previously evaluated for their historic significance

- Directory of Properties in the Historic Property Data File – Not Listed
- National Register of Historic Places (NRHP) – Not listed
- California Points of Historic Interest (CPHI) – Not listed
- California Historic Landmarks (CHL) – Not listed
- Historic Preservation Overlay Zone (HPOZ) – Not Listed

Paleontology/Geology

The geological formation occurring directly beneath the subject parcel is composed of Recent Age alluvium (Qal) deposits, consisting of clays, silts, sands, and gravels. These soils are unconsolidated and poorly to well stratified. This alluvium generally forms along the base of mountains and stream deposits that follow the course of major streams and rivers across the valley floor. This young deposit reaches a depth of 100 feet in thickness. Upper Pleistocene alluvium deposits (Qc) occur below the Recent alluvium and consist of unsorted, angular to sub-rounded sedimentary deposits. Thickness can vary between 40 feet in the north of the San Gabriel Valley to some 4,100 feet in the central portion of the valley. The lower Pleistocene San Pedro Formation (Qm) consists of interbedded marine gravels and silt and reaches a maximum thickness of 2,000 feet.

According to the Los Angeles County Natural History Museum, no known paleontological resources have been recorded within a quarter mile of the property. The closest recorded fossil sites are in the Puente Hills, located approximately four miles south of the project location. The recovered fossils are identified primarily as marine vertebrates (fish) dating to the Miocene Epoch. This formation may lie beneath the project address, but at a considerable depth.

Summary

The results of the records search indicate that no cultural or paleontological resources have been identified at the project location or within the search radius. Additionally, one previous cultural investigation has been reported within the search radius. This investigation did not assess the project location with negative results.

The entire ground surface within the project site has been previously disturbed; archaeological deposits located at or near the surface have long since been removed or destroyed by urbanization. Based upon the human occupation history of the region, excavation below

previously disturbed levels may encounter buried resources. Excavation to a depth of about 15 feet during excavation activities such resources must be evaluated in accordance with federal, State, and local guidelines. Several federal and state laws regulate the treatment of cultural resources, as well as make it a criminal violation to destroy those resources. These include, but are not limited to:

Guidelines

California Penal Code Section 622.5 provides the following:

> *Every person, not the owner thereof, who willfully injures, disfigures, defaces, or destroys any object or thing of archeological or historical interest or value, whether situated on private lands or within any public park or place, is guilty of a misdemeanor.*

Public Resources Code Section 5097.5 (a) states, in part, that:

> *No person shall knowingly and willfully excavate upon, or remove, destroy, injure, or deface, any historic or prehistoric ruins, burial grounds, archaeological or vertebrate paleontological site, including fossilized footprints, inscriptions made by human agency, rock art, or any other archaeological, paleontological or historical feature, situated on public lands, except with the express permission of the public agency having jurisdiction over the lands.*

California Health and Safety Code Section 7050.5(b) specifies the protocol for when human remains are discovered. The Code states:

In the event of discovery or recognition of any human remains in any location other than a dedicated cemetery, there shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains until the coroner of the county in which the human remains are discovered has determined, in accordance with Chapter 10 (commencing with section 27460) of Part 3 of Division 2 of Title 3 of the Government Code, that the remains are not subject to the provisions of section 27492 of the Government Code or any other related provisions of law concerning investigation of the circumstances, manner and cause of death, and the recommendations concerning treatment and disposition of the human remains have been made to the person responsible for the excavation, or to his or her authorized representative, in the manner provided in PRC Section 5097.98.

Please Note: Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the CHRIS Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

We appreciate this opportunity to assist you on your project. If we can be of any further assistance, or if you have any questions concerning this letter, please do not hesitate to contact our office at (310) 675-2745 or via e-mail, whbonner@aol.com.

Sincerely,



Wayne H. Bonner, M.A.
RPA Certified Archaeologist #10085

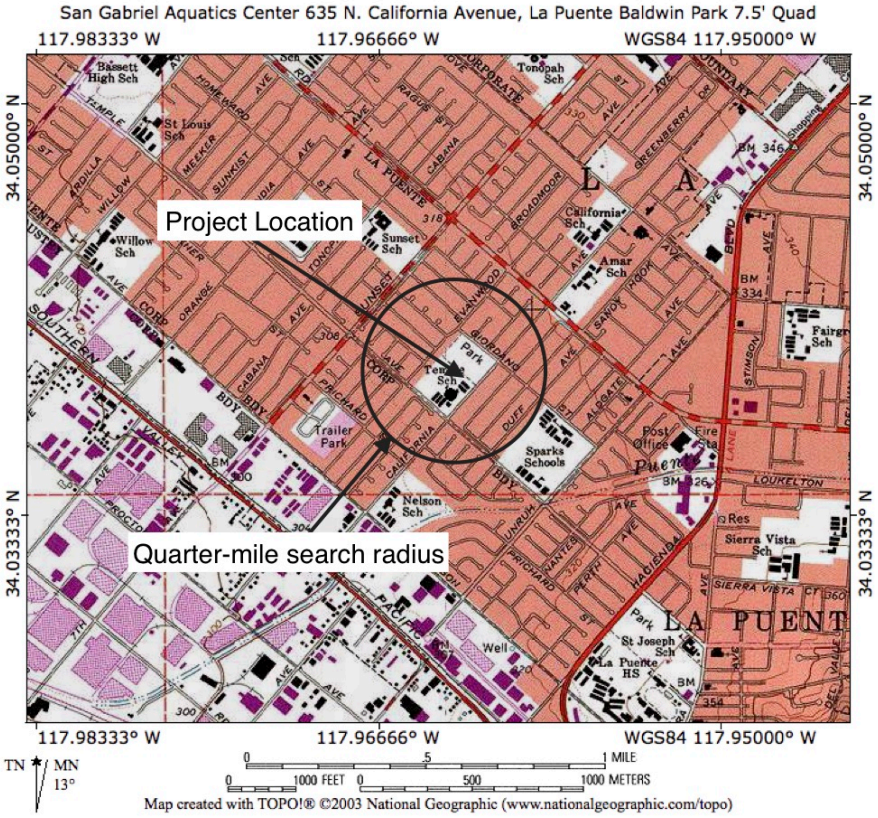


Figure 1 Project Location

ATTACHMENT 1- SURVEYS CONDUCTED WITHIN SEARCH RADIUS

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
LA-08249		2002	Peterson, Patricia A.	Cultural Resources Records Search and Survey Report for the Reclaimed Water Backbone Transmission Project, Los Angeles County, California	Chambers Group, Inc.	19-000179, 19-001044, 19-001045, 19-001046, 19-002805, 19-120031, 19-186112

Sacred Lands File & Native American Contacts 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

Information Below is Required for a Sacred Lands File Search

Project: _____

County: _____

USGS Quadrangle Name: _____

Township: _____ **Range:** _____ **Section(s):** _____

Company/Firm/Agency: _____

Street Address: _____

City: _____ **Zip:** _____

Phone: _____

Fax: _____

Email: _____

Project Description:

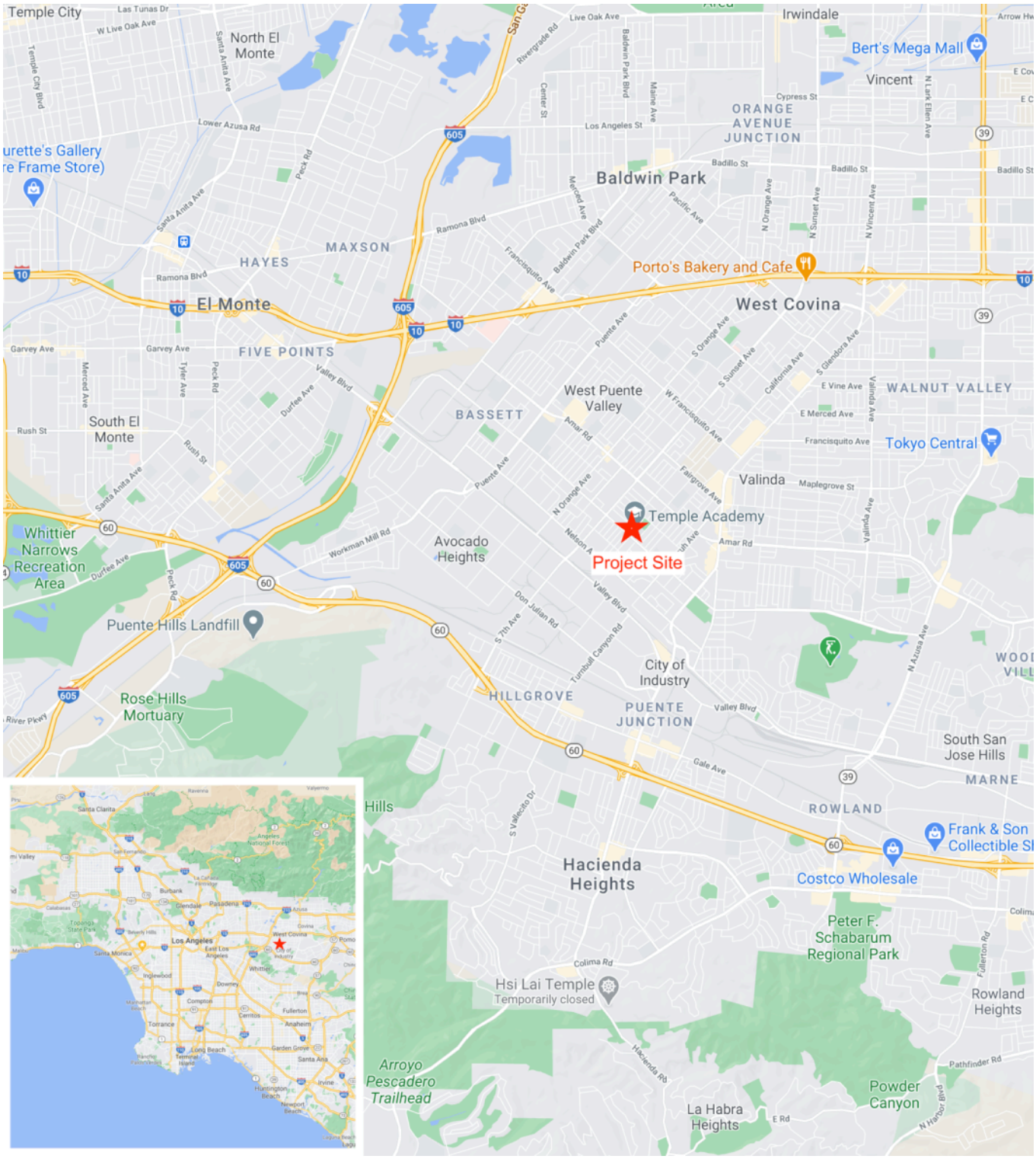


Figure 1
San Gabriel Valley Aquatic Center
Project Location



Figure 2
San Gabriel Valley Aquatic Center
Aerial View of Project Site and Vicinity

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

SECRETARY
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Luiseño

PARLIAMENTARIAN
Russell Attebery
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COMMISSIONER
William Mungary
Paiute/White Mountain Apache

COMMISSIONER
Julie Tumamait-Stenslie
Chumash

COMMISSIONER
[**Vacant**]

COMMISSIONER
[**Vacant**]

COMMISSIONER
[**Vacant**]

EXECUTIVE SECRETARY
Christina Snider
Pomo

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

March 17, 2021

Wendy Lockwood
Sirius Environmental

Via Email to: wl@siriusenvironmental.com

Re: San Gabriel Aquatic Center Project, Los Angeles County

Dear Ms. Lockwood:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Andrew.Green@nahc.ca.gov.

Sincerely,

Andrew Green

Andrew Green
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Los Angeles County
3/17/2021

Gabrieleno Band of Mission Indians - Kizh Nation
Andrew Salas, Chairperson
P.O. Box 393 — Gabrieleno
Covina, CA, 91723
Phone: (626) 926 - 4131
admin@gabrielenoindians.org

Gabrieleno/Tongva San Gabriel Band of Mission Indians
Anthony Morales, Chairperson
P.O. Box 693 — Gabrieleno
San Gabriel, CA, 91778
Phone: (626) 483 - 3564
Fax: (626) 286-1262
GTTribalcouncil@aol.com

Gabrielino /Tongva Nation
Sandonne Goad, Chairperson
106 1/2 Judge John Aiso St., #231 — Gabrielino
Los Angeles, CA, 90012
Phone: (951) 807 - 0479
sgoad@gabrielino-tongva.com

Gabrielino Tongva Indians of California Tribal Council
Robert Dorame, Chairperson
P.O. Box 490 — Gabrielino
Bellflower, CA, 90707
Phone: (562) 761 - 6417
Fax: (562) 761-6417
gtongva@gmail.com

Gabrielino-Tongva Tribe
Charles Alvarez,
23454 Vanowen Street — Gabrielino
West Hills, CA, 91307
Phone: (310) 403 - 6048
roadkingcharles@aol.com

Santa Rosa Band of Cahuilla Indians
Lovina Redner, Tribal Chair
P.O. Box 391820 — Cahuilla
Anza, CA, 92539
Phone: (951) 659 - 2700
Fax: (951) 659-2228
lsaul@santarosa-nsn.gov

Soboba Band of Luiseno Indians
Isaiah Vivanco, Chairperson
P. O. Box 487 — Cahuilla, Luiseno
San Jacinto, CA, 92581
Phone: (951) 654 - 5544
Fax: (951) 654-4198
ivivanco@soboba-nsn.gov

Soboba Band of Luiseno Indians
Joseph Ontiveros, Cultural Resource Department
P.O. BOX 487 — Cahuilla, Luiseno
San Jacinto, CA, 92581
Phone: (951) 663 - 5279
Fax: (951) 654-4198
jontiveros@soboba-nsn.gov

This list is current only as of the date of this document. 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 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed San Gabriel Aquatic Center Project, Los Angeles County.

Native American Outreach
SGV Aquatic Center

Native American Contact	Tribal Affiliation	Mailing Address	e-Mail Address	Phone Number	Contact Attempt	Follow Up	Results
Anthony Morales, Chief	San Gabriel Band of Mission Indians	P.O. Box 693 San Gabriel, CA 91778	GTTribalcouncil@aol.com	626-483-3564	Letter and e-mail sent by County June 21, 2021	August 4, 2021 County sent email.	No response.
Andrew Salas, Chairman	Gabrieleño Band of Mission Indians - Kizh Nation	P.O. Box 393 Covina, CA 91723	admin@gabrielenoindians.org	844-390-0787/626-521-5827 626-926-4131	Letter and e-mail sent by County June 21, 2021	July 13, 2021 County sent an email. July 27, 2021 County sent an email. August 4 County sent an email. August 25 County sent an e-mail. August 26, 2021 County sent email. September 1, 2021 County sent email. September 16, 2021 County sent email. September 22, 2021 County sent two emails. September 23, 2021, County sent email.	June 22, 2021 e-mail and letter from Andrew Salas requesting consultation. July 15, 2021 e-mail from Tribe with attached letter from Kara Grant, Atty, indicating request for electronic transmittal of information. July 27 Kara Grant esq., sent letter indicating she represents the Tribe and indicates due to an emergency the requests that they provide information electronically. September 21 Tribe sent information regarding their ancestral connection to the area including habitation, travel patterns and hydrography in the area. Tribe provided their (standard) recommended mitigation measures to address the potential for finding TCRs
Jairo Avila, Tribal Historic and Cultural Preservation Officer	Fernandeño Tataviam Band of Mission Indians	1019 Second Street San Fernando CA 91340	jairo.avila@tataviam-nsn.us	818-837-0794	Certified Letter and e-mail sent by County June 21, 2021	No follow up needed, as they denied consultation.	June 22, 2021 e-mail received from Jairo Avila indicating FTBMI would like to defer consultation to the Gabrieleno Tribe.
Lee Clauss	San Manuel Band of Mission Indians	26569 Community Center Drive Highland, CA 92346	SMConsultation@sanmanuel-nsn.gov	909-864-8933	Certified Letter and e-mail sent by County June 21, 2021	Follow up not needed. See column to the right.	July 1, 2021 e-mail received from Jamie Nord, Cultural Resources Technician indicating the project site is outside the Serrano ancestral territory and therefore they are not requesting consultation.
Octavio Escobedo Tribal Chair	Tejon Indian Tribe	1761 Hasti Acres Drive, Suite 108 Bakersfield, CA 93309	oescobedo@tejonindiantribe-nsn.gov	661-834-8566	Certified Letter and e-mail sent by County June 21, 2021	August 4, 2021 County sent email.	No response.

Native American Contact	Tribal Affiliation	Mailing Address	e-Mail Address	Phone Number	Contact Attempt	Follow Up	Results
Charles Alvarez	Gabrielino-Tongva Tribe	23454 Vanowen Street West Hills, CA 91307	roadkingcharles@aol.com	310-403-6048	Letter and e-mail sent June 17, 2021	Follow-up e-mail sent July 27, 2021	No response.
Isaiah Vivanco, Chairperson	Soboba Band of Luiseño Indians	P. O. Box 487 San Jacinto, CA 92581	ivivanco@soboba-nsn.gov	951-654-5544	Letter and e-mail sent June 17, 2021	Follow-up e-mail sent July 27, 2021	No response.
Joseph Ontiveros	Soboba Band of Luiseño Indians	Cultural Resource Department P.O. BOX 487 San Jacinto, CA 92581	jontiveros@soboba-nsn.gov	951-654-5544	Letter and e-mail sent June 17, 2021	Follow-up e-mail sent July 27, 2021	No response.
Lovina Redner, Tribal Chair	Santa Rosa Band of Cahuilla Indians	P.O. Box 391820 Anza, CA 92539	lsaul@santarosa-nsn.gov	951-659-2700	Letter and e-mail sent June 17, 2021	Follow-up e-mail sent July 27, 2021	No response.
Robert Dorame, Chairperson	Gabrielino Tongva Indians of California Tribal Council	P.O. Box 490 Bellflower, CA 90707	gtongva@gmail.com	562-761-6417	Letter and e-mail sent June 17, 2021	Follow-up e-mail sent July 27, 2021	No response.
Sandonne Goad, Chairperson	Gabrielino /Tongva Nation	106 1/2 Judge John Aiso St., #231 Los Angeles, CA 90012	sgoad@gabrielino-tongva.com	951-807-0479	Letter and e-mail sent June 17, 2021	Follow-up e-mail sent July 27, 2021	No response.

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

MARK PESTRELLA, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 16, 2021

IN REPLY PLEASE
REFER TO FILE: PMII-3

Chief Anthony Morales
San Gabriel Band of Mission Indians
P.O. Box 693
San Gabriel, CA 91778

Dear Chief Morales:

COUNTY OF LOS ANGELES – ASSEMBLY BILL 52
NOTIFICATION REGARDING CONSULTATION ON
TRIBAL CULTURAL RESOURCES FOR
SAN GABRIEL VALLEY AQUATICS CENTER PROJECT

The County of Los Angeles is the lead agency for the preparation of an Initial Study for the proposed San Gabriel Valley Aquatics Center project. Pursuant to Assembly Bill 52 (AB 52), California Public Resources Code Sections 21080.3.1 and 21080.3.2, the County of Los Angeles, acting through Public Works, is hereby providing you with formal notification of the proposed project. Please find enclosed a Summary Project Description, which briefly describes the proposed project and its location.

Your tribal government has previously requested to be notified of proposed projects within the County of Los Angeles. The County is initiating this outreach to determine if the San Gabriel Band of Mission Indians would like to consult on the proposed project and if so, to make information available to your tribe early in the California Environmental Quality Act process.

Should you wish to engage with the County in consultation, as afforded by AB 52, on this project, please note that you must respond to this letter within 30 days of receipt according to time frames set forth in Public Resources Code Section 21080.3.1 and identify the topics that you would like to include in the consultation process. Additionally, in the event that you would like to request consultation under AB 52, please designate a Tribal Lead Contact and provide their telephone number and email address. If no Lead Contact is designated, the County will defer to the individual listed on the County's contact list (available at: https://planning.lacounty.gov/view/tribal_cultural_resources_ab_52/).

The County contact person for this project is:

Tom Afschar, Senior Capital Projects Manager
Los Angeles County Public Works
900 South Fremont Avenue, 5th Floor
Alhambra, California, 91803
Phone: (626) 300-3201
Email: TAfschar@dpw.lacounty.gov

Your comments and concerns are important to the County, and we welcome the opportunity to consult with you upon your request. If you have any questions, please call me or your staff may contact Mr. Tom Afschar at (626) 300-3201.

Very truly yours,

MARK PESTRELLA, PE
Director of Public Works

VINCENT YU
Assistant Deputy Director
Project Management Division II

RK:cl
U:\pmdII\general\SGV Aquatic Center\02200\02203\AB52-Letters\Gabrieleno

Enc.

cc: Chief Executive Office (Rogelio Gamino)
Parks and Recreation (Chester Kano)

bc: Project Management II (Afschar, Kabiri, Kristan)

COUNTY OF LOS ANGELES

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P.O. Box 693
San Gabriel, CA 91778

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Director of Public Works

VINCENT YU
Assistant Deputy Director
Project Management Division II

RK:cl
U:\pmdII\general\SGV Aquatic Center\02200\02203\AB52-Letters\Gabrieleno

Enc.

cc: Chief Executive Office (Rogelio Gamino)
Parks and Recreation (Chester Kano)

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P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 16, 2021

IN REPLY PLEASE
REFER TO FILE: PMII-3

Mr. Andrew Salas, Chairman
Gabrieleño Band of Mission Indians - Kizh Nation
P.O. Box 393
Covina, CA 91723

Dear Mr. Salas:

COUNTY OF LOS ANGELES – ASSEMBLY BILL 52
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Director of Public Works

VINCENT YU
Assistant Deputy Director
Project Management Division II

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U:\pmdII\general\SGV Aquatic Center\02200\02203\AB52-Letters\Gabrieleno

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Parks and Recreation (Chester Kano)

bc: Project Management II (Afschar, Kabiri, Kristan)

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ALHAMBRA, CALIFORNIA 91802-1460

June 16, 2021

IN REPLY PLEASE
REFER TO FILE: PMII-3

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Gabrieleño Band of Mission Indians - Kizh Nation
P.O. Box 393
Covina, CA 91723

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Phone: (626) 300-3201
Email: TAfschar@dpw.lacounty.gov

Your comments and concerns are important to the County, and we welcome the opportunity to consult with you upon your request. If you have any questions, please call me or your staff may contact Mr. Tom Afschar at (626) 300-3201.

Very truly yours,

MARK PESTRELLA, PE
Director of Public Works

VINCENT YU
Assistant Deputy Director
Project Management Division II

RK:cl
U:\pmdII\general\SGV Aquatic Center\02200\02203\AB52-Letters\Gabrieleno

Enc.

cc: Chief Executive Office (Rogelio Gamino)
Parks and Recreation (Chester Kano)

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

MARK PESTRELLA, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

June 16, 2021

IN REPLY PLEASE
REFER TO FILE: PMII-3

Mr. Jairo Avila
Tribal Historic and Cultural Preservation Officer
Fernandeño Tataviam Band of Mission Indians
1019 Second Street
San Fernando CA, 91340

Dear Mr. Avila:

COUNTY OF LOS ANGELES – ASSEMBLY BILL 52
NOTIFICATION REGARDING CONSULTATION ON
TRIBAL CULTURAL RESOURCES FOR
SAN GABRIEL VALLEY AQUATICS CENTER PROJECT

The County of Los Angeles is the lead agency for the preparation of an Initial Study for the proposed San Gabriel Valley Aquatics Center project. Pursuant to Assembly Bill 52 (AB 52), California Public Resources Code Sections 21080.3.1 and 21080.3.2, the County of Los Angeles, acting through Public Works, is hereby providing you with formal notification of the proposed project. Please find enclosed a Summary Project Description, which briefly describes the proposed project and its location.

Your tribal government has previously requested to be notified of proposed projects within the County of Los Angeles. The County is initiating this outreach to determine if the Fernandeño Tataviam Band of Mission Indians would like to consult on the proposed project and if so, to make information available to your tribe early in the California Environmental Quality Act process.

Should you wish to engage with the County in consultation, as afforded by AB 52, on this project, please note that you must respond to this letter within 30 days of receipt according to time frames set forth in Public Resources Code Section 21080.3.1 and identify the topics that you would like to include in the consultation process. Additionally, in the event that you would like to request consultation under AB 52, please designate a Tribal Lead Contact and provide their telephone number and email address. If no Lead Contact is designated, the County will defer to the individual listed on the County's contact list (available at: https://planning.lacounty.gov/view/tribal_cultural_resources_ab_52/).

The County contact person for this project is:

Tom Afschar, Senior Capital Projects Manager
Los Angeles County Public Works
900 South Fremont Avenue, 5th Floor
Alhambra, California, 91803
Phone: (626) 300-3201
Email: TAfschar@dpw.lacounty.gov

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bc: Project Management II (Afschar, Kabiri, Kristan)

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June 16, 2021

IN REPLY PLEASE
REFER TO FILE: PMII-3

Ms. Lee Clauss
San Manuel Band of Mission Indians
26569 Community Center Drive
Highland, CA 92346

Dear Ms. Clauss:

COUNTY OF LOS ANGELES – ASSEMBLY BILL 52
NOTIFICATION REGARDING CONSULTATION ON
TRIBAL CULTURAL RESOURCES FOR
SAN GABRIEL VALLEY AQUATICS CENTER PROJECT

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Parks and Recreation (Chester Kano)

bc: Project Management II (Afschar, Kabiri, Kristan)

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June 16, 2021

IN REPLY PLEASE
REFER TO FILE: PMII-3

Mr. Octavio Escobedo, Tribal Chair
Tejon Indian Tribe
1761 Hasti Acres Drive, Suite 108
Bakersfield, CA 93309

Dear Mr. Escobedo:

COUNTY OF LOS ANGELES – ASSEMBLY BILL 52
NOTIFICATION REGARDING CONSULTATION ON
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VINCENT YU
Assistant Deputy Director
Project Management Division II

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cc: Chief Executive Office (Rogelio Gamino)
Parks and Recreation (Chester Kano)

bc: Project Management II (Afschar, Kabiri, Kristan)

COUNTY OF LOS ANGELES

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June 16, 2021

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Tejon Indian Tribe
1761 Hasti Acres Drive, Suite 108
Bakersfield, CA 93309

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cc: Chief Executive Office (Rogelio Gamino)
Parks and Recreation (Chester Kano)

Summary Project Description

Project Location and Setting

The San Gabriel Valley Aquatics Center project is proposed to be located on the Temple Academy School property in unincorporated Los Angeles County immediately adjacent to the City of La Puente at 635 North California Avenue (see Figure 1).

The proposed project would be constructed on a 3.5-acre portion of the Temple Academy public elementary school campus (which encompasses a total of 9.36 acres), located at 635 California Avenue within an unincorporated area of the Los Angeles County immediately east of the City of La Puente (see Figure 2 for an aerial view of the site and adjacent area). The school is part of the Hacienda La Puente Unified School District (HLPUSD). The County is planning to negotiate a ground lease with the HLPUSD to complete the project.

The project site currently contains a small parking lot and grassy playing field, on the Temple Academy School campus. The site is bordered on the north by single-family homes with Evanswood Avenue beyond, on the east by the Allen J. Martin Park (which includes grassy areas, a playground and splash pad), on the south by the Temple Academy School with North California Avenue beyond the school, on the west by East Temple Avenue (the City boundary for the City of La Puente runs down Temple Avenue in this area), and single-family homes are located across East Temple Avenue.

The Temple Academy School is currently a public elementary school with about 264 students in grades Kindergarten through 6th grade.

Background and Project Objective

The main objective of the project is to construct an aquatics facility available for public use. The community, the County, and HLPUSD maintain a desire for a publicly accessible swimming facility at this location.

Project Components

The proposed project includes the construction of a new aquatics facility that would include the following facilities:

- Two swimming pools:
  - A 55-yard (50-meter) by 25-yard competitive swimming pool. Depending on the final design, the depth of the pool could reach up to 15 feet deep at the deep end.
  - A 27-yard (25-meter) by 25-yard practice pool. Depending on the final design, the shallow end could be 3 to 4.5 feet deep and deep end of 13 feet deep.
- Both the pool deck and pool would use energy efficient LED fixtures that would

incorporate light shielding to ensure no spillover light on to adjacent properties.

- Spectator bleachers (Americans with Disabilities Act Compliant) with seating that could accommodate about 495 people.
- A property monument sign.
- An electronic scoreboard.
- A 10,800 +/- square foot pool building.
- One-acre park with exercise areas, barbeque area, shade structure, potential pollinator garden, plaza, and amphitheater that would integrate with the adjacent Allen J. Martin Park possibly including construction of walkways within the adjacent park to connect to facilities within the project site.
- Benches and other park furniture.
- Parking lot with about 72 spaces.
- A perimeter fence/wall/hedge as well as other perimeter landscaping.
- Security lighting (low-level, energy efficient) throughout the facility.

Approximately 1,000 cubic yards of debris would be removed from the site (concrete); in addition, about 6,500 cubic yards of soil would be removed to make way for the pools. Approximately 45,000 square feet would be paved as part of the project.

A conceptual site layout is shown in Figure 3.

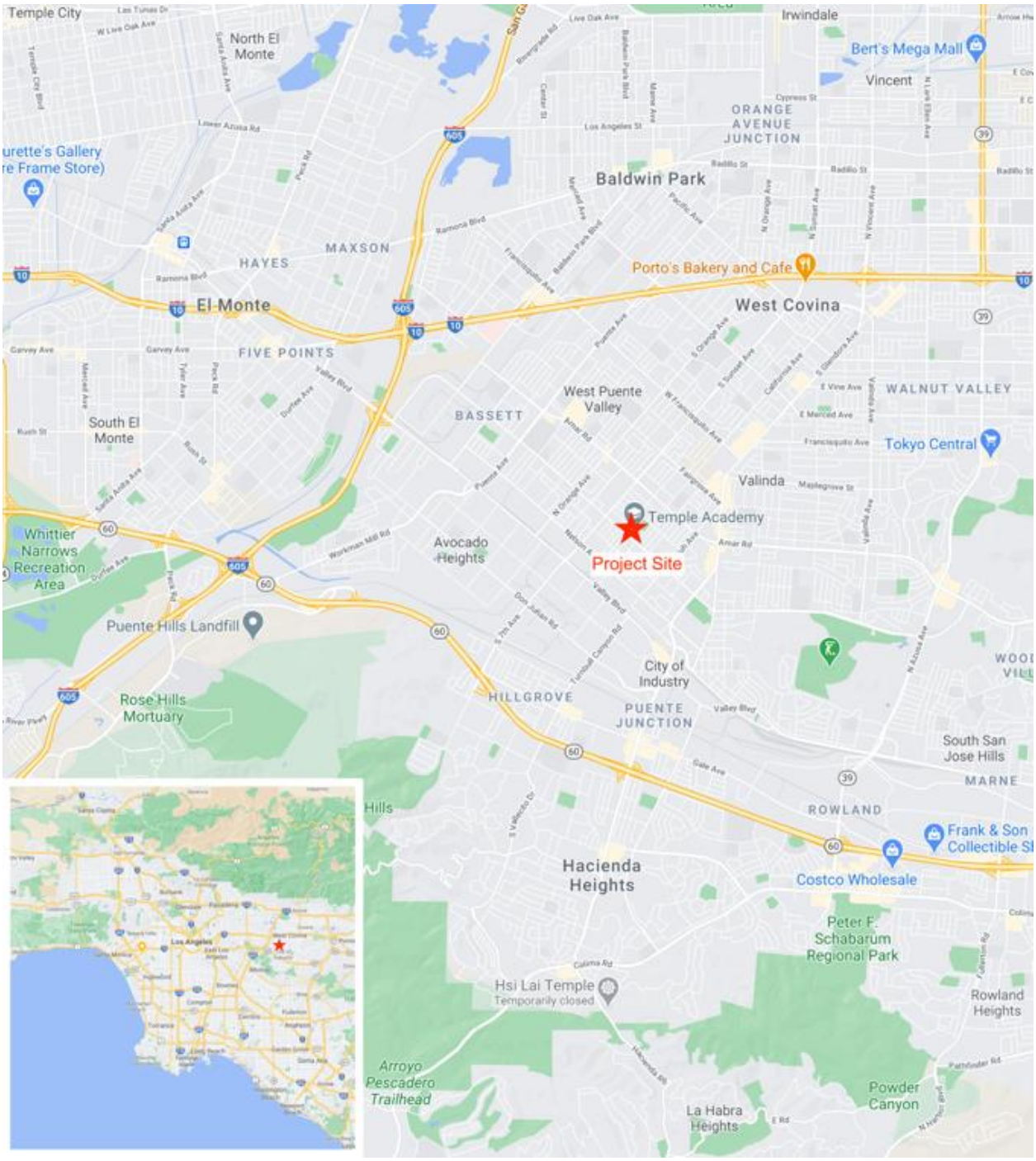


Figure 1
San Gabriel Valley Aquatics Center
Project Location



Figure 2
San Gabriel Valley Aquatics Center
Aerial View of Project Site and Vicinity

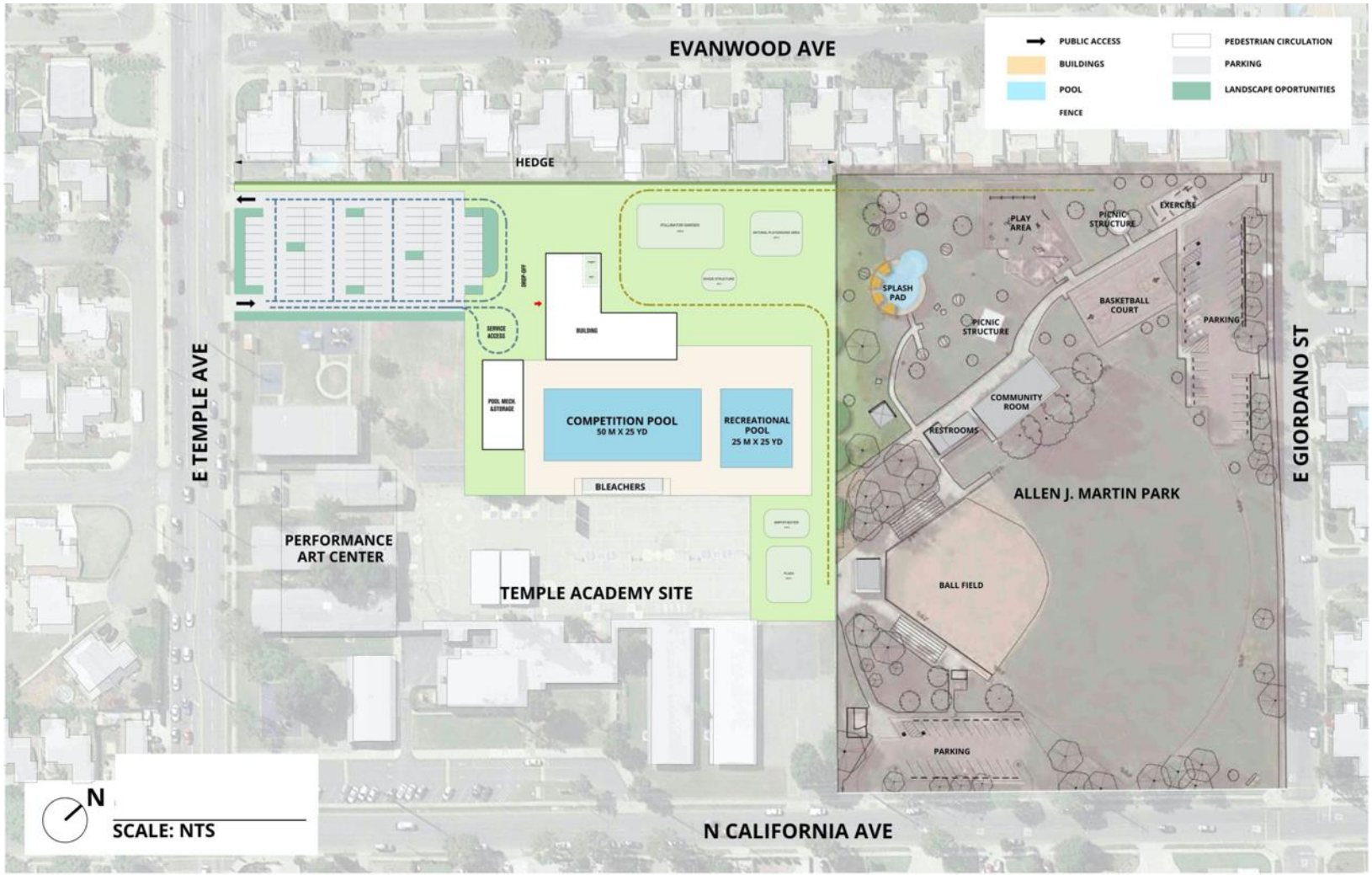


Figure 3
San Gabriel Valley Aquatics Center
Conceptual Site Plan

Sirius Environmental

June 16, 2021

Gabrielino-Tongva Tribe
Charles Alvarez,
23454 Vanowen Street
West Hills, CA, 91307

E-mail Address: roadkingcharles@aol.com

Subject: San Gabriel Aquatics Center CEQA Review

Dear Mr. Alvarez:

The County of Los Angeles is the Lead Agency for the preparation of an Initial Study for the proposed San Gabriel Valley Aquatics Center. The Native American Heritage Commission has indicated that while the results of the Sacred Lands File records search were negative, your tribe may have knowledge of cultural resources in the project area.

Attached please find a Summary Project Description, which briefly describes the proposed project and its location.

Please let me know, within 30 days, of any information you believe would be relevant to the environmental review of this project. Please e-mail me at wl@siriusenvironmental.com or contact me by regular mail at:

Wendy Lockwood
Sirius Environmental
1478 N. Altadena Drive
Pasadena, CA 91107

Sincerely,

Wendy Lockwood
Project Manager

Sirius Environmental

June 16, 2021

Soboba Band of Luiseno Indians
Isaiah Vivanco, Chairperson
P. O. Box 487
San Jacinto, CA, 92581

E-mail Address: ivivanco@soboba-nsn.gov

Subject: San Gabriel Aquatics Center CEQA review

Dear Mr. Vivanco:

The County of Los Angeles is the Lead Agency for the preparation of an Initial Study for the proposed San Gabriel Valley Aquatics Center. The Native American Heritage Commission has indicated that while the results of the Sacred Lands File records search were negative, your tribe may have knowledge of cultural resources in the project area.

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Wendy Lockwood
Sirius Environmental
1478 N. Altadena Drive
Pasadena, CA 91107

Sincerely,

Wendy Lockwood

Wendy Lockwood
Project Manager

Sirius Environmental

June 16, 2021

Soboba Band of Luiseno Indians
Joseph Ontiveros
Cultural Resource Department
P.O. BOX 487
San Jacinto, CA, 92581

E-mail Address: jontiveros@soboba-nsn.gov

Subject: San Gabriel Aquatics Center

Dear Mr. Ontiveros:

The County of Los Angeles is the Lead Agency for the preparation of an Initial Study for the proposed San Gabriel Valley Aquatics Center. The Native American Heritage Commission has indicated that while the results of the Sacred Lands File records search were negative, your tribe may have knowledge of cultural resources in the project area.

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Sirius Environmental
1478 N. Altadena Drive
Pasadena, CA 91107

Sincerely,

Wendy Lockwood
Project Manager

Sirius Environmental

June 16, 2021

Santa Rosa Band of Cahuilla Indians
Lovina Redner, Tribal Chair
P.O. Box 391820
Anza, CA, 92539

E-mail Address: lsaul@santarosa-nsn.gov

Subject: San Gabriel Aquatics Center

Dear Ms. Redner:

The County of Los Angeles is the Lead Agency for the preparation of an Initial Study for the proposed San Gabriel Valley Aquatics Center. The Native American Heritage Commission has indicated that while the results of the Sacred Lands File records search were negative, your tribe may have knowledge of cultural resources in the project area.

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Sirius Environmental
1478 N. Altadena Drive
Pasadena, CA 91107

Sincerely,



Wendy Lockwood
Project Manager

Sirius Environmental

June 16, 2021

Gabrielino Tongva Indians of California Tribal Council
Robert Dorame, Chairperson
P.O. Box 490
Bellflower, CA, 90707

E-mail Address: gtongva@gmail.com

Subject: San Gabriel Aquatics Center

Dear Mr. Dorame:

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1478 N. Altadena Drive
Pasadena, CA 91107

Sincerely,

Wendy Lockwood

Wendy Lockwood
Project Manager

Sirius Environmental

June 16, 2021

Gabrielino /Tongva Nation
Sandonne Goad, Chairperson
106 1/2 Judge John Aiso St., #231
Los Angeles, CA, 90012

E-mail Address: sgoad@gabrielino-to

Subject: San Gabriel Aquatics Center

Dear Ms. Goad:

The County of Los Angeles is the Lead Agency for the preparation of an Initial Study for the proposed San Gabriel Valley Aquatics Center. The Native American Heritage Commission has indicated that while the results of the Sacred Lands File records search were negative, your tribe may have knowledge of cultural resources in the project area.

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Sincerely,

Wendy Lockwood

Wendy Lockwood
Project Manager

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The San Gabriel Valley Aquatics Center project is proposed to be located on the Temple Academy School property in unincorporated Los Angeles County immediately adjacent to the City of La Puente at 635 North California Avenue (see **Figure 1**).

The proposed project would be constructed on a 3.5-acre portion of the Temple Academy public elementary school campus (which encompasses a total of 9.36 acres), located at 635 California Avenue, within an unincorporated area of the County of Los Angeles immediately east of the City of La Puente (see **Figure 2** for an aerial view of the site and adjacent area). The school is part of the Hacienda La Puente Unified School District (HLPUSD). The County is planning to negotiate a ground lease with the HLPUSD to complete the project.

The project site currently contains a small parking lot and grassy playing field, on the Temple Academy School campus. The site is bordered on the north by single-family homes with Evanswood Avenue beyond, on the east by the Allen J. Martin Park (which includes grassy areas, a playground and splash pad), on the south by the Temple Academy School with North California Avenue beyond the school, and on the west by East Temple Avenue (the City boundary for the City of La Puente runs down Temple Avenue in this area) and single-family homes are located across East Temple Avenue.

The Temple Academy School is currently a public elementary school with about 264 students in grades Kindergarten through 6th grade.

Background and Project Objective

The main objective of the project is to construct an aquatics facility available for public use. The community, the County, and the Hacienda La Puente Unified School District (HLPUSD) maintain a desire for a publicly accessible swimming facility at this location.

Project Components

The proposed project includes the construction of a new aquatics facility that would include the following facilities:

- Two swimming pools:
  - A 55-yard (50-meter) by 25-yard competitive swimming pool. Depending on the final design; the depth of the pool could reach up to 15 feet deep at the deep end.
  - A 27-yard (25-meter) by 25-yard practice pool. Depending on the final design, the shallow end could be 3 to 4.5 feet deep and deep end of 13 feet deep.
- Both the pool deck and pool would use energy efficient LED fixtures that would incorporate light shielding to ensure no spillover light on to adjacent properties.
- Spectator bleachers (ADA Compliant) with seating that could accommodate about 495 people.
- A property monument sign.
- An electronic scoreboard.
- A 10,800 +/- square foot pool building.

- One-acre park with exercise areas, barbeque area, shade structure, potential pollinator garden, plaza and amphitheater that would integrate with the adjacent Allen J. Martin Park possibly including construction of walkways within the adjacent park to connect to facilities within the project site.
- Benches and other park furniture.
- Parking lot with about 72 spaces.
- A perimeter fence/wall/hedge as well as other perimeter landscaping.
- Security lighting (low-level, energy efficient) throughout the facility.

Approximately 1,000 cubic yards of debris would be removed from the site (concrete); in addition, about 6,500 cubic yards of soil would be removed to make way for the pools. Approximately 45,000 square feet would be paved as part of the project.

A conceptual site layout is shown in **Figure 3**.

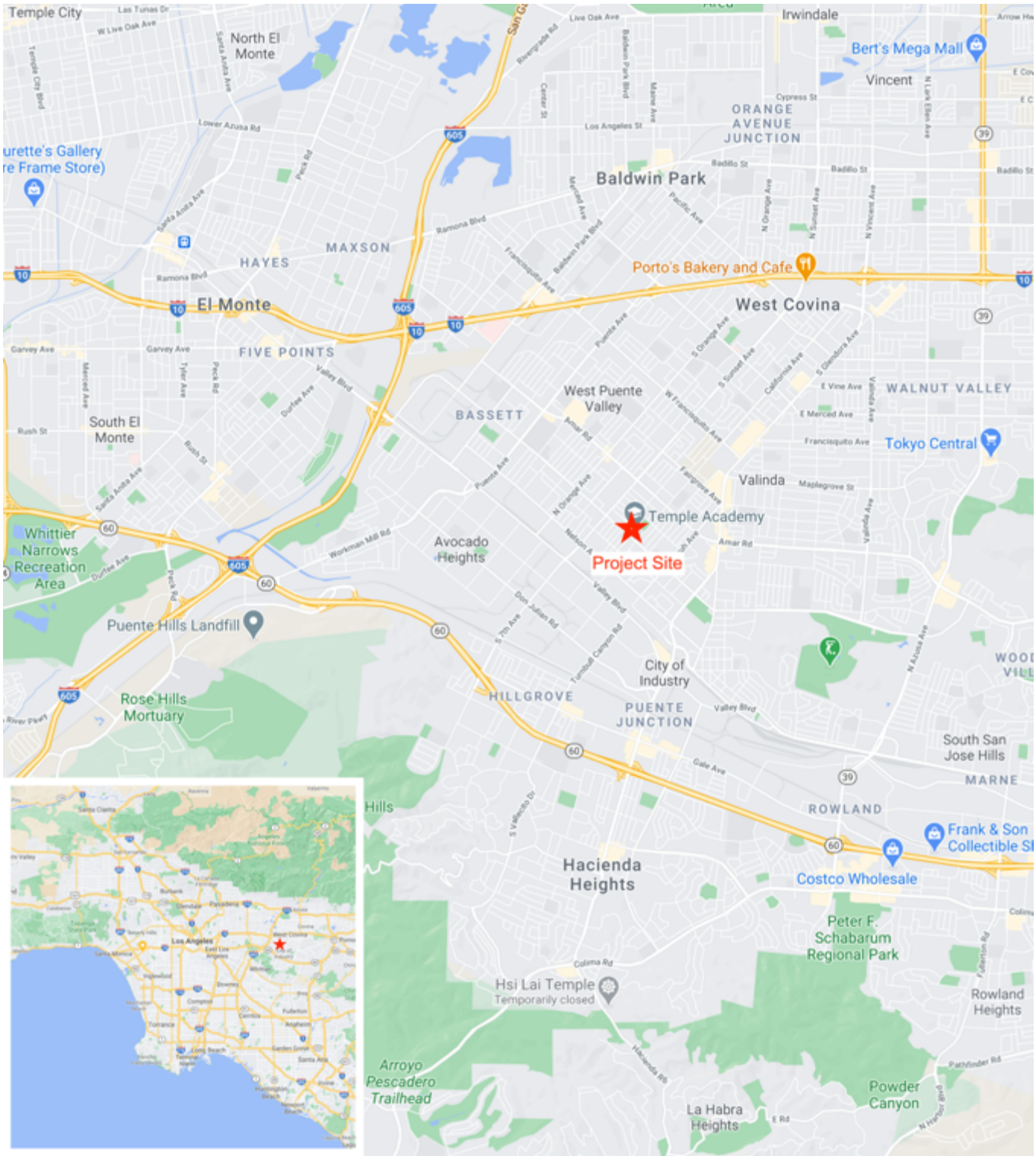


Figure 1
San Gabriel Valley Aquatics Center
Project Location



Figure 2
San Gabriel Valley Aquatics Center
Aerial View of Project Site and Vicinity

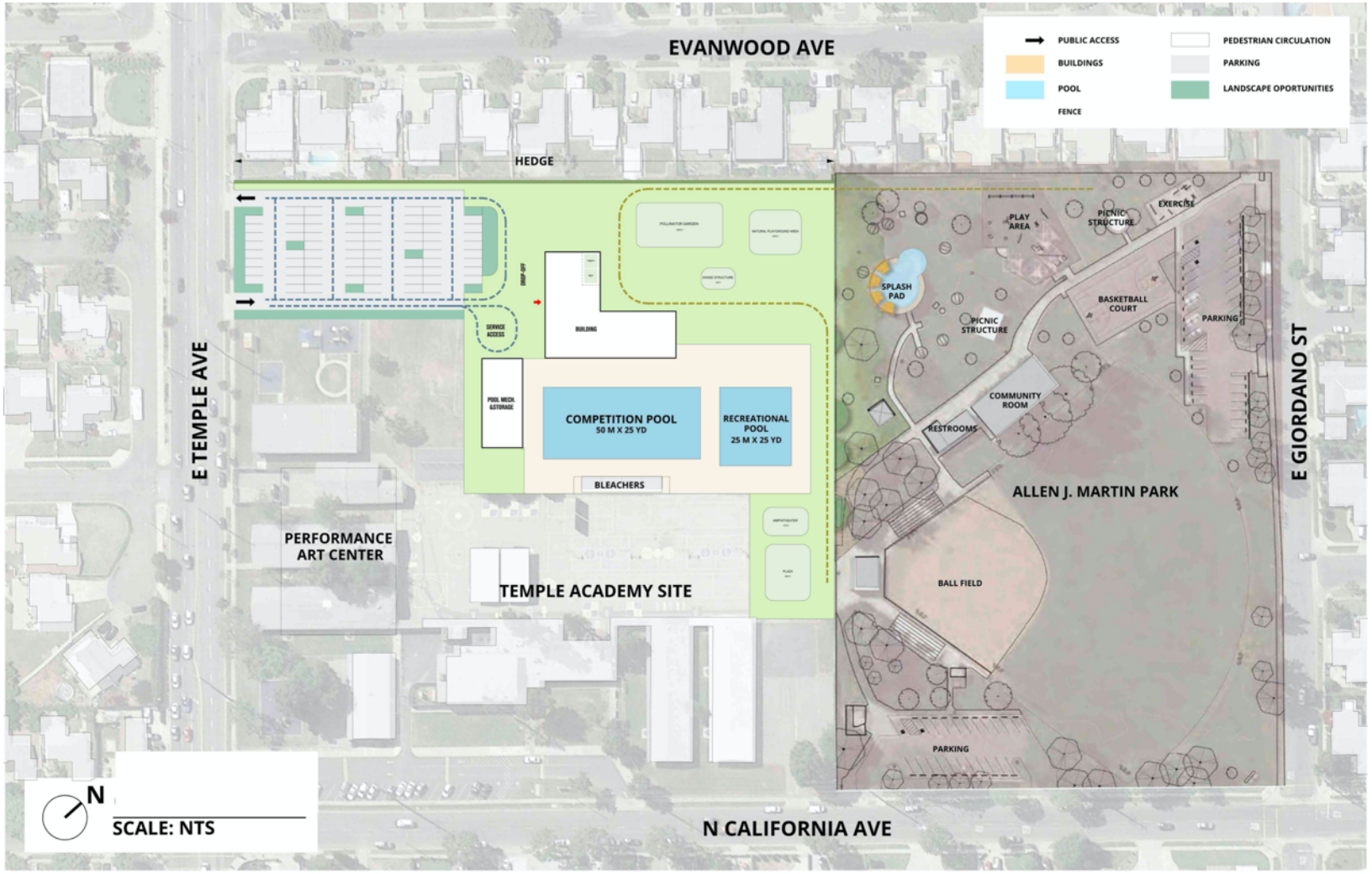


Figure 3
San Gabriel Valley Aquatics Center
Conceptual Site Plan

Appendix C1
Phase I Environmental Site Assessment

5261 West Imperial Highway
Los Angeles, California 90045
Telephone: 310-854-6300
Toll-free: 888-705-6300
Fax: 310-854-0199

Phase I Environmental Site Assessment Report

EFI Global Project No.: 045.05245

Proposed San Gabriel Aquatic Center Project

635 North California Avenue
La Puente, California 91744

Date of Issuance: April 23, 2021

Prepared For:

Sirius Environmental

1478 North Altadena Boulevard
Pasadena, California 91107

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EXECUTIVE SUMMARY

EFI Global, Inc. has performed a Phase I Environmental Site Assessment (Phase I ESA) for Sirius Environmental (Client) for an educational property located at 635 North California Avenue, in Los Angeles County, within the City of La Puente, California, Assessor's Parcel Number (APN): 8212-011-901. The research conducted for this study and the report prepared are in conformance with the United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) standard and the ASTM International E1527-13 scope of work.

SITE DESCRIPTION

According to our research and information provided by the Client, the following address has been found to be associated with the subject property: 635 North California Avenue, La Puente, California. The subject property is located on the north side of North California Avenue and East Temple Avenue, in Los Angeles County, and within the City of La Puente. The subject property is approximately 9.35 acres in size and is developed with several school structures on the east and south portions. The subject property is currently occupied by Temple Elementary School. The remaining portions of the property consist of an asphalt paved parking lot enclosed with a chain-link fence on the west portion and a recreational field in the remainder. A proposed San Gabriel Valley Aquatic Center is to be developed in the current parking lot and ballfield area on the northern and western portions, and will include an 8,000 to 12,000 square-foot pool building, a large competitive swimming pool, a smaller practice pool, signage, fencing, a 1-acre park area, central plaza, and a parking lot. It should be noted that this Phase I ESA includes information relating to the entirety of the subject property, however, the site reconnaissance, findings, and conclusions are solely focused on the proposed project area, see Figure 3 Site Plan. The surrounding area is used for educational, residential, and recreational purposes. Groundwater is estimated to be approximately 75 to 80 feet below ground surface (bgs) in the area of the site and is assumed to flow towards the northwest.

- No hazardous material storage or recognized environmental conditions were observed at the site. Those interviewed, as persons familiar with the site were not aware of any negative environmental conditions associated with the property.

HISTORICAL LAND USE

According to EFI Global, Inc.'s interpretation of the historical research data, the subject property was undeveloped land from sometime prior to 1894 through at least 1904. Later in 1904, the subject property was developed with a residential structure on the southern corner and agricultural land in the remainder from sometime prior to 1928 through at least 1953. By 1957, the subject property was redeveloped with eight of the existing school structures and associated yards on the southeast portion, with vacant land in the remainder, through at least 1994. By 2002, the subject property was developed with two additional school structures on the southeast and western portions, and the vacant areas were utilized for recreational activities. The subject property has remained in this configuration through the present. The subject property has solely been occupied by Temple Elementary School since construction through this report date.

- The subject property was historically used for agricultural purposes from sometime prior to 1928 through at least 1952. There is a potential that during this period agricultural chemicals, such as pesticides, herbicides, and fertilizers, were applied to site soils consistent with normal application practices. Agricultural chemicals tend to accumulate in the

near-surface soils. As the subject property has been redeveloped, which typically involves grading (soil mixing) of the first few feet of soil, it is likely that the agricultural chemicals, if any were present, have been homogenized and redistributed, which likely reduced any residual concentrations to within acceptable screening levels for the continued educational use of the subject property. Furthermore, the proposed redevelopment will include a large excavation as part of the redevelopment with an 8,000 to 12,000 square-foot pool building, a large competitive swimming pool, a smaller practice pool. Based on the foregoing, it is our opinion that a risk to human health or the environment from the historical agricultural use of the subject property is unlikely, and therefore, the historical agricultural use is not considered a significant environmental concern.

- Based on our review of the historical data, no data gaps were encountered during our research.

ENVIRONMENTAL DATA SEARCH

Hacienda La Puente Unified School District - Temple Academy (635 California Avenue) - The subject property is listed on the Hazardous Waste Tracking System (HWTS) and Facility and Manifest Data (HAZNET) databases. According to the listings, this facility was issued the following six United States Environmental Protection Agency (USEPA) IDs: CAC002343055 from November 2000 through September 2001, CAC002569216 from August 2003 through June 2004, CAC002618027 from June 2007 through December 2007, CAC002767241 from April 2014 through July 2014, CAC002840150 from December 2015 through March 2016, and CAC002859622 from May 2016 through August 2016. Under USEPA ID CAC002767241, this facility disposed of 3.2 tons of asbestos containing waste to a landfill in 2014. Based on the type of waste disposed and evidence of proper disposal, the generated hazardous waste is not expected to represent a significant environmental concern for the subject property.

San Gabriel Valley (Baldwin Park, California) - The subject property is within the Baldwin Park San Gabriel Valley California Areas of Concern (AOCONCERN). According to the database listing, this is an area within San Gabriel Valley where Volatile Organic Compound (VOC) contamination is at or above the maximum contaminant level (MCL) designated by the USEPA Region 9 office. No further information was provided. This area of concern is further discussed below.

San Gabriel Valley (Area 4) (Stimson Avenue & Old Valley Boulevard) - San Gabriel Valley is listed on the National Priority List (NPL), Superfund Enterprise Management System (SEMS), Engineering Controls Sites List (US ENG CONTROLS), Records of Decision (ROD), Integrated Compliance Information System (ICIS), Facility Index System/Facility Registry System (FINDS), Enforcement Compliance History Online (ECHO), and Potentially Responsible Parties (PRP) databases. According to the information provided, regional groundwater throughout the San Gabriel Valley has been documented as being impacted by trichloroethylene (TCE), tetrachloroethylene (PCE), 1,1-dichloroethene (1,1-DCE), and 1,4-dioxane. The groundwater plume is approximately 5 square miles in size and exists along the axis of the San Jose Creek in the San Gabriel groundwater basin in La Puente. The USEPA, Los Angeles Regional Water Quality Control Board (LARWQCB), Department of Toxic Substances Control (DTSC), the Main San Gabriel Basin Watermaster, and the San Gabriel Basin Water Quality Authority are the lead agencies responsible for investigations and remedial activities. Remedial solutions adopted thus far have included an extraction and treatment system which consists of extraction wells. The subject property is not included in the list of significant or responsible parties. It should be noted that EFI Global observed three wells adjacent to the subject

property, as discussed in Section 3.1.1. Additional wells were observed adjacent to the northeast and southeast of the adjoining Allen J. Martin city park. According to the San Gabriel Valley Basin Groundwater Quality Management and Remediation Plan, dated March 18, 2020 by the San Gabriel Basin Water Quality Authority, these well are associated to the Puente Valley Operable Unit for the monitoring of shallow and intermediate zone groundwater. According to the figures in the report, updated February 13, 2020, the contaminant plume that underlies the subject property contains volatile organic compounds (VOCs) that are greater than one times the maximum contaminant level (MCL). Given the identification of groundwater impacted with VOCs and shallow groundwater (less than 100 feet bgs), EFI Global cannot rule out the potential for this plume to be underlying the subject property which is a Vapor Encroachment Condition (VEC) and represents a recognized environmental condition (REC) for the subject property. The groundwater plume is depicted in Figure 4 of the Illustrations section of this report.

- In our opinion, none of the other sites listed on the regulatory database report pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but groundwater has not been impacted, a release has occurred but the case is closed, or the sites are located cross or down gradient of the subject property and in excess of 1/10 mile from the subject property.

The Los Angeles Regional Water Quality Control Board (LARWQCB), Department of Toxic Substances Control (DTSC), South Coast Air Quality Management District (SCAQMD), Los Angeles County Fire Department Health and Hazardous Materials Division (LACFD HHMD), Los Angeles County Sanitation District (LACSD), and the Los Angeles County Department of Public Works (LACDPW) were contacted regarding air emissions permits, site investigation files, hazardous materials, underground storage tank, and industrial waste discharge records for the subject property. Additionally, the State Water Resources Control Board's (SWRCB) GeoTracker, DTSC's EnviroStor and Hazardous Waste Tracking System (HWTS), SCAQMD's Facility Information Detail (FIND), the LACFD HHMD Active and Inactive Certified Unified Program Agency (CUPA) Program Records, Site Mitigation Unit (SMU) Case Records, and California Accidental Release Program (CalARP) online databases were reviewed for information pertaining to the subject property.

- According to the responses to our requests from the LARWQCB, DTSC, SCAQMD, LACFD HHMD, LACSD, and LACDPW, there are no files for the subject property. Furthermore, the subject property was not listed on the GeoTracker, EnviroStor, FIND, and LACFD HHMD online databases.

- According to information available on the HWTS online database, Temple Academy was issued six USEPA IDs. The USEPA ID listings and hazardous wastes manifests are primarily consistent with those previously discussed in the regulatory database report above, with the exception of 1.38 tons of asbestos-containing waste generated under USEPA ID CAC002840150 in 2015. Based on the type of waste disposed and evidence of proper disposal, the generated hazardous waste is not expected to represent a significant environmental concern for the subject property.

- No significant data gaps were encountered during our agency file reviews.

The California Department of Conservation, Geologic Energy Management Division (CalGEM) Well Finder Online Mapping System was reviewed for information pertaining to oil and gas exploration on or nearby the subject property. No oil wells were identified within 500 feet of the subject property.

- The User did not provide EFI Global any information either verbally or in writing (i.e. Title Report) regarding environmental cleanup liens or activity and use limitations encumbering the subject property. An environmental lien search was not requested by the User; however, based on our review of the DTSC EnviroStor Database, no environmental liens enforced by the DTSC were identified. Additionally, the site was not found on any lists indicative of solid wastes disposal, hazardous materials release (such as leaking underground storage tank sites) or hazardous wastes facilities complied by the DTSC, State Water Resources Control Board, or any other local enforcement agency pursuant to Government Code Section 65962.5.

ADDITIONAL ISSUES

- Based on the lack of permanent structures currently on the subject property parking lot, the potential for asbestos-containing materials and lead-based paint is considered to be low.

- Based on our research, the potential for radon at the subject property is considered to be low.

- Based on the lack of permanent structures currently on the subject property parking lot, no mold observations were made during this assessment.

- The Los Angeles County Department of Public Works, Solid Waste Information Management System was reviewed to determine if the property is within 1,000 feet of a landfill or 300 feet of an oil well. According to the information reviewed, the subject property is not located within 1,000 feet of a landfill or 300 feet of an oil well. Therefore, the potential for the presence of methane beneath the property is considered low.

CONCLUSIONS

EFI Global, Inc. has performed a Phase I in conformance with the scope and limitations of ASTM International E1527-13, at 635 North California Avenue, La Puente, California, the subject property. Any exceptions to or deletions from this practice are described in the individual sections of this report. This assessment has revealed no evidence of recognized environmental conditions or *de minimis* conditions in connection with the subject property, except for the following:

RECOGNIZED ENVIRONMENTAL CONDITIONS (REC)

The identification of VOCs in groundwater in the vicinity of the subject property, associated to the San Gabriel Valley (Area 4) NPL, represents a REC as a VEC exists.

HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS (HREC)

In our opinion, no HRECs were identified during the course of this assessment.

CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS (CREC)

In our opinion, no CRECs were identified during the course of this assessment.

DE MINIMIS CONDITIONS

In our opinion, no *de minimis* conditions were identified during the course of this assessment.

RECOMMENDATIONS

Based upon the foregoing, a Phase II Environmental Site Assessment is recommended.

1.0 INTRODUCTION

EFI Global, Inc. has performed a Phase I Environmental Site Assessment (Phase I) for the property located at 635 North California Avenue, in an unincorporated area of Los Angeles County, near the City of La Puente, California (Subject Property). This report has been prepared for the sole use of Sirius Environmental (Client).

The research conducted for this study and the report prepared are in general conformance with the United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) standard and the ASTM International E1527-13 "Standard Practices for Environmental Site Assessments: Phase I Environmental Site Assessment Process". The primary purpose for performing a Phase I ESA is to "…permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations (commonly known as landowner liability protections) on Comprehensive Environmental Response Compensation and Liability Act (CERCLA) liability." (ASTM, 2013) An environmental site assessment meeting or exceeding this practice and completed less than 180 days prior to the date of acquisition is presumed to be valid under this standard. In order to maintain landowner liability protections, the User also has a "continuing obligation to not interfere with activity and use limitations associated with the property," must take "reasonable steps to prevent releases" and must "comply with legal release reporting obligations." (ASTM, 2013) Further, it is the goal of this study to identify business risks related to the property associated with environmental conditions. This investigation is not an environmental compliance audit and is not designed to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations.

The goal of this process is to identify any (1) recognized environmental conditions (RECs), (2) historic recognized environmental conditions (HRECs), (3) controlled recognized environmental conditions (CRECs), and/or (4) *de minimis* conditions associated with the subject property.

- A **recognized environmental condition** is defined as "…the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment." This definition does not include de minimis conditions defined as "a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies" (ASTM, 2013).

- A **historical recognized environmental condition** is defined as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)." (ASTM, 2013). The HREC designation requires the comparison of residual contamination concentrations, if any, to current regulatory standards.

- A **controlled recognized environmental condition** is defined as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory

authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)" (ASTM, 2013).

- A ***de minimis condition*** is defined as "a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* conditions are not recognized environmental conditions nor controlled recognized environmental conditions" (ASTM, 2013).

In order to identify environmental conditions at the site, the Phase I ESA includes a site inspection, interviews with parties familiar with the property, historical research into the past uses of the property, and an environmental records search with regard to the subject property, adjoining and immediately surrounding properties, and the surrounding area. In addition, EFI Global, Inc. provides an opinion regarding the potential for asbestos containing materials, lead-based paints, mold, radon, oil and gas exploration, and methane as they relate to the subject property. Reviewing those documents that are publicly available, reasonably ascertainable, and practically reviewable controls the completeness of this assessment. The inability to review documents which do not exist or are not publicly available, reasonably ascertainable, or practically reviewable may result in a data gap.

1.1 Significant Assumptions

While this report provides an overview of potential environmental concerns, both past and present, the environmental assessment is limited by the availability of information at the time of the assessment. It is possible that unreported disposal of waste or illegal activities impairing the environmental status of the property may have occurred which could not be identified. The conclusions and recommendations regarding environmental conditions that are presented in this report are based on a scope of work authorized by the Client. Note, however, that virtually no scope of work, no matter how exhaustive, can identify all contaminants or all conditions above and below ground.

1.2 Limitations and Exceptions

This report has been prepared in accordance with generally accepted environmental methodologies referred to in ASTM E1527-13, and contains all of the limitations inherent in these methodologies. No other warranties, expressed or implied, are made as to the professional services provided under the terms of our contract and included in this report. The conclusions of this report are based in part, on the information provided by others. The possibility remains that unexpected environmental conditions may be encountered at the site in locations not specifically investigated. The services performed and outlined in this report were based, in part, upon visual observations of the site and attendant structures. Our opinion cannot be extended to portions of the site that were unavailable for direct observation, reasonably beyond the control of EFI Global, Inc. The objective of this report was to assess environmental conditions at the site, within the context of our contract and existing environmental regulations within the applicable jurisdiction. Evaluating compliance of past or future owners with applicable local, provincial, and federal government laws and regulations was not

included in our contract for services. Our observations relating to the condition of environmental media at the site are described in this report. It should be noted that compounds or materials other than those described could be present in the site environment.

1.3 Reliance

This report has been prepared for the sole use of Sirius Environmental. The contents should not be relied upon by any other parties without the express written consent of Sirius Environmental and EFI Global, Inc.

1.4 User Responsibilities

The USEPA AAI and ASTM International E1527-13 Phase I Standards require that the User conduct independent research and consider certain information before purchasing a property. The User is defined as the party seeking to use Practice E1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. These considerations include the following:

- Obtain a recent (less than 180 days old) title report prepared for the subject property. The report should be reviewed to obtain information regarding environmental clean-up liens or activity and use limitations (AULs) with regard to the subject property. If environmental cleanup liens or AULs encumbering the subject property or in connection with the subject property are identified, the User should provide that information to the Environmental Professional (EFI Global, Inc.). If the User has actual knowledge of environmental cleanup liens or AULs encumbering the subject property or in connection with the subject property, the User should provide that information to the Environmental Professional (EFI Global, Inc.).

- The User should provide the Environmental Professional (EFI Global, Inc.) with any specialized knowledge the User has with regard to recognized environmental conditions in connection with the property.

- If the User is aware of any commonly known information in the community about the subject property with respect to recognized environmental conditions, the User should provide the information to the Environmental Professional (EFI Global, Inc.).

- If this Phase I ESA was prepared as due diligence for a property transaction, it is the responsibility of the User to consider the relationship of the purchase price to the fair market value of the property. If the purchase price is significantly lower than the fair market value, the User should identify the alternate reason for the low purchase price if the lower purchase price is not related to the property being affected by hazardous substances or petroleum products.

2.0 SITE DESCRIPTION

EFI Global, Inc. has performed a Phase I for a educational property located at 635 North California Avenue, in an unincorporated area of Los Angeles County, near the City of La Puente, California. The subject property is located on the north side of North California Avenue and East Temple Avenue, in an unincorporated area of Los Angeles County near the City of La Puente. The subject property is approximately 9.35 acres in size and is developed with several school structures on the east and south portions. The subject property is currently occupied by Temple Elementary School. The remaining portions of the property consist of an asphalt paved parking lot enclosed with a chain-link fence on the west portion and a recreational field in the remainder. A proposed Aquatic Center is to be developed in the current parking lot area on the western portion, and will include an 8,000 to 12,000 square-foot pool building, a large competitive swimming pool, a smaller practice pool, signage, fencing, a 1-acre park area, central plaza, and a parking lot. It should be noted that this Phase I ESA includes information relating to the entirety of the subject property, however, the site reconnaissance, findings, and conclusions are solely focused on the proposed project area. The surrounding area is used for educational, residential, and recreational purposes.

Natural gas and electrical services are provided to the subject property by Southern California Gas and Southern California Edison, respectively. Potable water and sewer services are provided by the Suburban W Systems - San Jose Hills District and Los Angeles County Department of Public Works, respectively.

2.1 Current and Historical Addresses

According to our research and information provided by the Client, the following address has been found to be associated with the subject property: 635 North California Avenue, La Puente, California.

2.2 Legal Description

According to the Los Angeles County Assessor's Office, the subject property is located in Los Angeles County and with the City of La Puente and is described by the Assessor's Parcel Number: 8212-011-901.

2.3 Physical Setting

The elevation of the subject property is approximately 315 feet above mean sea level (United States Geological Survey Baldwin Park, California 7.5 minute topographic quadrangle). Based on our review of the GeoCheck Section of the Environmental Data Resources, Inc. (EDR) Radius report, the subject property is not situated within a 100-year Federal Environmental Management Agency (FEMA) Flood Zone. No wetlands were identified at the property or adjoining/immediately surrounding properties. Based on our review of groundwater data presented in the State Water Resources Control Board (SWRCB) GeoTracker website, groundwater was detected at a leaking underground storage tank site (15135 East Amar Road) approximately 0.35 mile southwest of the subject property at approximately 75 to 80 feet bgs. However, perched and semi-perched aquifers may be present beneath the site. Based on regional groundwater data, the regional groundwater flow direction is estimated to be towards the northwest; however, local groundwater flow direction may vary.

3.0 SITE RECONNAISSANCE/INTERVIEWS

3.1 Site Reconnaissance

On March 17, 2021, Mr. Christopher Rude with EFI Global, Inc. conducted a site reconnaissance of the subject property. The site inspection was conducted to attempt to identify current site use(s), current hazardous materials storage, and evidence of past site uses and hazardous material storage and to identify evidence of other recognized environmental conditions. The following table summarizes our Site Reconnaissance observations:

Yes	No	Observed Feature(s)
	✔	Hazardous Substances and Petroleum Products Containers
	✔	Underground and/or Aboveground Storage Tanks
	✔	Drains/Sumps/Clarifiers/Sewer Interceptors/Septic Systems
	✔	Stained or Corroded Surfaces/Stained Soil or Stressed Vegetation
	✔	Pits/Ponds/Lagoons/Wetlands
	✔	Electrical Equipment with the Potential to contain Fluids
✔		Production or Monitoring Wells
	✔	Evidence of Solid Waste Disposal/Dumping/Fill Areas

3.1.1 Exterior Observations

The exterior portions of the site consist of an asphalt-paved parking lot enclosed with a chain-link fence on the western portion and a large recreational field utilized by the Temple Elementary school on the north portion. The parking lot is accessible via a driveway along the southwest portion, along East Temple Avenue. The paved areas were observed in good condition with minor cracking areas observed. The recreational field consisted of low lying grass. No hazardous material disposal was observed.

EFI Global observed three monitoring wells adjacent to the subject property, referred to as S07, VCW-01 and MW-10. These wells are associated to the ongoing San Gabriel Valley (Area 4) National Priority List (NPL). Additional groundwater wells were observed within Evanwood Avenue to the northwest, the parking lot for the adjoining Allen J. Martin Park to the northeast, and Giordano Street to the northeast. For further discussion, refer to Section 5.1.

No pole or pad mounted transformers or poly-chlorinated biphenyls (PCB) containing equipment were observed on-site.

3.1.2 Interior Observations

The subject property is a part of the Temple Academy School, however for the purpose of this assessment, only the proposed Aquatic Center (currently a parking lot) and the recreational field was inspected as part of the site reconnaissance. Based on the foregoing, no interior observations were made during this assessment.

3.1.3 Reconnaissance Limitations

No significant limitations were encountered during our reconnaissance of the subject property.

3.2 Adjoining and Immediately Surrounding Properties

The adjoining and immediately surrounding properties (within 100-feet of the subject property boundary) were visually and physically observed from public right-of ways and the subject property in an attempt to identify recognized environmental conditions. Our observations are summarized in the following table:

Location	Address(es)	Uses/ Observations
Northeast	14830 East Giordano Street	Allen J. Martin Park
Southeast	602-656 North California Avenue	Single-family residential
Northwest	604-660 Evanwood Avenue	Single-family residential
Southwest	546 and 547 Glenshaw Drive, 551 Greenberry Drive, and 14834, 14844, and 14862 Temple Avenue	Single-family residential

No recognized environmental conditions were readily observable at the adjoining/immediately surrounding properties.

3.3 Surrounding Area Observations

3.3.1 Surrounding Property Uses

The surrounding area is developed for educational, residential, and recreational purposes.

3.3.2 Surrounding Geography

The surrounding area is mostly flat with a slight topographic slope to the west-southwest. No nearby hills or bedrock outcroppings were observed in the area of the site. No lakes, ponds, rivers or streams were observed in the surrounding area.

3.4 Interviews

3.4.1 Property Owner

The property owner was provided an environmental questionnaire, which has not been returned prior to issuance of the report. Based on the quality of information obtained from other sources, this limitation is not expected to alter the findings of this investigation.

3.4.2 Key Site Manager

A key site manager was not available for interview during the completion of this report.

3.4.3 Property Occupants

No occupants were available for interview during the completion of this report.

3.4.4 Past Owners, Operators and Occupants

Past owners, operators and occupants were not able to be identified for an interview for this report.

3.4.5 Prospective Purchaser

As the User of this report is the owner of the property performing due diligence on the subject property for financing purposes, there is no prospective purchaser included in the transaction.

3.4.6 Neighboring Property Owners/Tenants

Per ASTM, an attempt to interview neighboring property owners/tenants should be conducted when the subject property is vacant and unsecured land.

As the subject property is currently developed and utilized for educational purposes, no neighboring property owners/tenants were interviewed during this assessment.

3.5 User Provided Information

The USEPA AAI and ASTM International E1527-13 Phase I Standards require that the User conduct independent research and consider certain information before purchasing a property. EFI Global, Inc. recommends that the User documents completion of the following items:

3.5.1 Lien Search

The User is required to obtain a recent (less than 180 days old) title report prepared for the subject property. The report should be reviewed to obtain information regarding environmental clean-up liens or activity and use limitations with regard to the subject property. If environmental cleanup liens or activity and use limitations encumbering the subject property or in connection with the subject property are identified, the User should provide that information to the Environmental Professional (EFI Global, Inc.). If the User has actual knowledge of environmental cleanup liens or activity and use limitations encumbering the subject property or in connection with the subject property, the User should provide that information to the Environmental Professional (EFI Global, Inc.).

- The User did not provide EFI Global any information either verbally or in writing (i.e. Title Report) regarding environmental cleanup liens or activity and use limitations encumbering the subject property. An environmental lien search was not requested by the User; however, based on our review of the DTSC EnviroStor Database, no environmental liens enforced by the DTSC were identified. Additionally, the site was not found on any lists indicative of solid wastes disposal, hazardous materials release (such as leaking underground storage tank sites) or hazardous wastes facilities complied by the DTSC, State Water Resources Control Board, or any other local enforcement agency pursuant to Government Code Section 65962.5.

3.5.2 Specialized Knowledge

The User should provide the Environmental Professional (EFI Global, Inc.) with any specialized knowledge the User has with regard to recognized environmental conditions in connection with the property.

- The User has no specialized knowledge with respect to recognized environmental conditions in connection with the property.

3.5.3 Commonly Known or Reasonably Ascertainable

Information

If the User is aware of any commonly known information in the community about the subject property with respect to recognized environmental conditions, the User should provide the information to the Environmental Professional (EFI Global, Inc.).

- The User is not aware of any commonly known information in the community about the subject property with respect to recognized environmental conditions.

3.5.4 Property Valuation

If this Phase I ESA was prepared as due diligence for a property transaction, it is the responsibility of the User to consider the relationship of the purchase price to the fair market value of the property. If the purchase price is significantly lower than the fair market value, the User should identify the alternate reason for the low purchase price if the lower purchase price is not related to the property being affected by hazardous substances or petroleum products.

- As the User of this report is the owner of the property performing due diligence on the subject property in contemplation of a future sale or refinance, there is no prospective purchaser included in the transaction.

3.5.5 Purpose of Performing Phase I ESA

According to the User, the User is the owner of the property performing due diligence on the subject property in contemplation of a future sale.

3.6 User Provided Documents

No documents were provided to EFI Global, Inc. by the User.

4.0 HISTORICAL LAND USE

A review of historical data derived from standard historical resources is provided in this section. The objective of consulting historical sources is to develop a history of the previous uses of the property and surrounding area, in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the property. During our historical review, acute attention is paid to the subject property. Data relating to the adjoining and immediately surrounding properties (within 100-feet of the subject property boundary) and the surrounding area is reviewed to the extent that it is revealed in the course of researching the property itself.

4.1 Aerial Photography Review

Aerial Photography of many portions of the United States dates back to the 1920's. Items searched for in each photograph included, but were not limited to: evidence of tanks, gas stations, industrial site usage, water drainage pathways, areas which show evidence of drums or excessive debris, discolored or stained soils, areas of distressed vegetation, et cetera.

Aerial Photograph Coverage was available from EDR for the years: 1928, 1938, 1948, 1952, 1964, 1972, 1977, 1981, 1983, 1990, 1994, 2002, 2005, 2009, 2012, and 2016. A summary of our observations is presented in the following table.

Year	Subject Property	Notable Adjoining Property Observations	Notable Observations of the Surrounding Area
1928, 1938, 1948, and 1952	Appears to be developed with a residential structure on the southern corner. The remaining portions appear to be agricultural land.	North: Agricultural land Northeast: Agricultural land Northwest: Agricultural land South: Agricultural land beyond intersection Southeast: Agricultural land beyond road Southwest: Agricultural land beyond road; Agricultural land and residential by 1938	Appears to be primarily agricultural land with sparse residential development.

Year	Subject Property	Notable Adjoining Property Observations	Notable Observations of the Surrounding Area
1964, 1972, 1977, 1981, 1983, 1990, and 1994	Appears to be developed with eight of the existing school structures and associated yards on the southeastern portion. The remaining portions appear to be vacant land.	North: Residential Northeast: Vacant land; Park by 1972 Northwest: Residential South: Residential beyond intersection Southeast: Residential land beyond road Southwest: Residential beyond road	Appears to be primarily residential.
2002, 2005, 2009, 2012, and 2016	Appears to be developed with nine of the existing school structures and associated yards on the southeastern portion and an additional structure and parking area on the western corner. The remaining portions appear to be vacant land, which is used as a playing field.	North: Residential Northeast: Park Northwest: Residential South: Residential beyond intersection Southeast: Residential land beyond road Southwest: Residential beyond road	Appears to be primarily residential.

- Aerial photographs indicate that the subject property was developed for agricultural purposes from at least 1928 through 1952. For further discussion, refer to Section 4.6.1.

4.2 Topographic Map Review

Topographic Maps of many portions of the United States dates back to the 1879 and the series of 7.5-minute quadrangles was officially completed in 1992. More than 55,000 7.5-minute maps were made to cover the 48 conterminous States. This is the only uniform map series that covers the entire area of the United States in considerable detail. Traditionally topographic maps show both natural and man-made features. Items searched for in each topographic map included, but were not limited to: evidence of tanks, landfills, water drainage pathways, or areas which show significant evidence of fill, et cetera.

Topographic Map Coverage was available from Environmental Data Resources (EDR) for the years: 1894, 1897, 1898, 1904, 1927, 1953, 1966, 1972, 1981, and 2012. A summary of our observations for the remaining maps are presented in the following table.

Year	Subject Property	Notable Adjoining Property Observations	Notable Observations of the Surrounding Area
1894, 1897, 1898, and 1904	The subject property is depicted as vacant land.	All: Vacant land	The surrounding area is depicted with sparse residential development and vacant land.
1927 and 1953	The subject property is depicted with a small structure on the southern portion.	Northeast: Residential structure Southeast: Vacant land Southwest: Residential structure Northwest: Vacant land	The surrounding area is depicted with sparse residential and commercial development and vacant land.
1966, 1972, and 1981	The subject property is depicted with the Temple School, with seven school structures.	Northeast: Park Southeast: Shaded to indicate structural development, however no structures are depicted Southwest: Shaded to indicate structural development, however no structures are depicted Northwest: Shaded to indicate structural development, however no structures are depicted	The surrounding area is depicted with residential and commercial development.
2012	The subject property is depicted in an area of urban development.	All: Depicted in an area of urban development	The surrounding area is depicted as an area of urban development.

- Topographic Maps that were created in 2012 do not depict any structures and only indicate street development and street names. This does not mean that structures were not present at that time.

4.3 Building Department Records Review

The subject property address was researched at the Los Angeles County Department of Public Works (LACDPW) - Building and Safety Division. According to a response to our request from the LACDPW Building and Safety Division, no building permits were identified for the subject property.

4.4 City Directory Review

City directories have been published since the 1800's and provide detailed occupant information for the property and its surrounding area at five-year intervals. The purpose of the City Directory research is to attempt to determine the businesses that historically occupied the subject property. Historical City Directories provided by EDR and reviewed by EFI Global, Inc. are listed below.

635 North California Avenue	
Date	**Listing**
1961, 1964, 1969, 1992, 1995, 2005, 2010, and 2014	Temple Elementary School

- Listings for adjoining and immediately surrounding properties reviewed during the course of researching the subject property did not reveal any uses of concern.

4.5 Sanborn Map Review

Originally compiled by the Sanborn Map Company of Pelham, New York for fire insurance companies to assess fire risks related to building materials and hazardous materials storage, today Sanborn Maps are an invaluable tool for Environmental Professionals in determining historical site use and the potential for environmental conditions. Sanborn Map Coverage is available from as early as 1867 in some cities. Although Sanborn maps were created for approximately twelve thousand cities and towns in the United States, Canada, and Mexico, Sanborn Map Coverage is not available in newer and more rural communities.

- Sanborn Map Coverage was not available for the subject property. The remaining Historical Land Use data in our opinion is sufficient to accurately ascertain the historical site use.

4.6 Historical Summary

4.6.1 Subject Property

According to EFI Global, Inc.'s interpretation of the historical research data, the subject property was undeveloped land from sometime prior to 1894 through at least 1904. Later in 1904, the subject property was developed with a residential structure on the southern corner and agricultural land in the remainder from sometime prior to 1928 through at least 1953. By 1957, the subject property was redeveloped with eight of the existing school structures and associated yards on the southeast portion, with vacant land in the remainder, through at least 1994. By 2002, the subject property was developed with two additional school structures on the southeast and western portions, and the vacant areas were utilized for recreational activities. The subject property has remained in this configuration through the present. The subject property has solely been occupied by Temple Elementary School since construction through this report date.

- The subject property was historically used for agricultural purposes from sometime prior to 1928 through at least 1952. There is a potential that during this period agricultural chemicals, such as pesticides, herbicides, and fertilizers, were applied to site soils consistent with normal application practices. Agricultural chemicals tend to accumulate in the near-surface soils. As the subject property has been redeveloped, which typically involves grading (soil mixing) of the first few feet of soil, it is likely that the agricultural chemicals, if any were present, have been homogenized and redistributed, which likely reduced any residual concentrations to within acceptable screening levels for the continued educational use of the subject property. Furthermore, the proposed redevelopment will include a large excavation as part of the redevelopment with an 8,000 to 12,000 square-foot pool building, a large competitive

swimming pool, a smaller practice pool. Based on the foregoing, it is our opinion that a risk to human health or the environment from the historical agricultural use of the subject property is unlikely, and therefore, the historical agricultural use is not considered a significant environmental concern.

4.7 Historical Data Gaps

Based on our review of the historical data, no data gaps were encountered during our research.

5.0 REGULATORY DATABASE REPORT

A radial database search was conducted in accordance with the specifications defined in ASTM International E1527-13 which sets the radial search distances for each regulatory database. The radial database search was conducted by EDR on November 20, 2020. A copy of the database report is presented in Appendix III of this report. The following table summarizes required databases reviewed, the approximate search distances, and indicates if the subject site, adjoining/immediately surrounding properties or surrounding sites are listed on the respective database.

Following the table are summaries of the information found in the relevant database listings and our opinion regarding the potential for the subject property to be impacted. Our opinion is based on the information found in the database listings, through other historical and regulatory resources, "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions" (ASTM International E2600-15), and assumed groundwater flow direction. As discussed in Section 2.3, groundwater is estimated to be approximately 75 to 80 feet below ground surface in the area of the site and is assumed to flow towards the northwest.

DATABASE	Search Distance (Miles)	Subject Site (Yes/No)	Adjacent Site (Yes/No)	Total Listings (#)
Federal National Priorities List (NPL)	1.0	Yes	No	2
Federal De-listed NPL	1.0	No	No	0
Federal CERCLIS	0.5	Yes	No	2
Federal CERCLIS NFRAP	0.5	No	No	0
Federal RCRA CORRACTS	1.0	No	No	0
Federal RCRA non-CORRACTS TSD	0.5	No	No	0
Federal RCRA Generators	0.25	No	No	1
Federal Institutional/Engineering Controls	0.5	Yes	No	1
Federal ERNS	Property	No	No	0
State/Tribal Equivalent NPL	1.0	No	No	0
State/Tribal Equivalent CERCLIS	1.0	No	No	3
State/Tribal Landfill	0.5	No	No	0
State/Tribal Underground Storage Tank (UST)	0.25	No	No	3
State/Tribal Leaking Underground Storage Tank (LUST/ CPS-SLIC)	0.5	No	No	36
State/Tribal Institutional/Engineering Controls	0.5	No	No	0
State/Tribal Voluntary Clean-up Sites	0.5	No	No	0
State/Tribal Brownfield Sites	0.5	No	No	0

5.1 Subject Property

Hacienda La Puente Unified School District - Temple Academy (635 California Avenue) - The subject property is listed on the Hazardous Waste Tracking System (HWTS) and Facility and Manifest Data (HAZNET) databases. According to the listings, this facility was issued the following six United States Environmental Protection Agency (USEPA) IDs: CAC002343055 from November 2000 through September 2001, CAC002569216 from August 2003 through June 2004, CAC002618027 from June 2007 through December 2007, CAC002767241 from April 2014 through July 2014, CAC002840150

from December 2015 through March 2016, and CAC002859622 from May 2016 through August 2016. Under USEPA ID CAC002767241, this facility disposed of 3.2 tons of asbestos containing waste to a landfill in 2014. Based on the type of waste disposed and evidence of proper disposal, the generated hazardous waste is not expected to represent a significant environmental concern for the subject property.

San Gabriel Valley (Baldwin Park, California) - The subject property is within the Baldwin Park San Gabriel Valley California Areas of Concern (AOCONCERN). According to the database listing, this is an area within San Gabriel Valley where Volatile Organic Compound (VOC) contamination is at or above the maximum contaminant level (MCL) designated by the USEPA Region 9 office. No further information was provided. This area of concern is further discussed below.

San Gabriel Valley (Area 4) (Stimson Avenue & Old Valley Boulevard) - San Gabriel Valley is listed on the National Priority List (NPL), Superfund Enterprise Management System (SEMS), Engineering Controls Sites List (US ENG CONTROLS), Records of Decision (ROD), Integrated Compliance Information System (ICIS), Facility Index System/Facility Registry System (FINDS), Enforcement Compliance History Online (ECHO), and Potentially Responsible Parties (PRP) databases. According to the information provided, regional groundwater throughout the San Gabriel Valley has been documented as being impacted by trichloroethylene (TCE), tetrachloroethylene (PCE), 1,1-dichloroethene (1,1-DCE), and 1,4-dioxane. The groundwater plume is approximately 5 square miles in size and exists along the axis of the San Jose Creek in the San Gabriel groundwater basin in La Puente. The USEPA, Los Angeles Regional Water Quality Control Board (LARWQCB), Department of Toxic Substances Control (DTSC), the Main San Gabriel Basin Watermaster, and the San Gabriel Basin Water Quality Authority are the lead agencies responsible for investigations and remedial activities. Remedial solutions adopted thus far have included an extraction and treatment system which consists of extraction wells. The subject property is not included in the list of significant or responsible parties. It should be noted that EFI Global observed three wells adjacent to the subject property, as discussed in Section 3.1.1. Additional wells were observed adjacent to the northeast and southeast of the adjoining Allen J. Martin city park. According to the San Gabriel Valley Basin Groundwater Quality Management and Remediation Plan, dated March 18, 2020 by the San Gabriel Basin Water Quality Authority, these well are associated to the Puente Valley Operable Unit for the monitoring of shallow and intermediate zone groundwater. According to the figures in the report, updated February 13, 2020, the contaminant plume that underlies the subject property contains volatile organic compounds (VOCs) that are greater than one times the maximum contaminant level (MCL). Given the identification of groundwater impacted with VOCs and shallow groundwater (less than 100 feet bgs), EFI Global cannot rule out the potential for this plume to be underlying the subject property which is a Vapor Encroachment Condition (VEC) and represents a recognized environmental condition (REC) for the subject property. The groundwater plume is depicted in Figure 4 of the Illustrations section of this report.

5.2 Adjoining and Immediately Surrounding Properties

No adjoining/immediately surrounding properties (within 100-feet) were listed on any of the regulatory databases researched.

5.3 Surrounding Area

In our opinion, none of the other sites listed on the regulatory database report pose a significant threat to the subject property as there is no indication of a release at the respective sites, a release has occurred but groundwater has not been impacted, a release has occurred but the case is closed, or the sites are located cross or down gradient of the subject property and in excess of 1/10 mile from the subject property.

5.4 Orphan Sites

Orphan sites are unmappable sites which appear in a list form in the Radius Map Report rather than on the standard Radius Map. Three orphan sites were identified in the Radius Map Report prepared for this site. The sites were manually mapped to determine the location of the site relative to the subject property and groundwater gradient. The following conclusions were made:

In our opinion, none of the orphan sites listed pose a significant threat to the subject property as the sites are located cross or down gradient of the subject property and in excess of 1/10 mile from the subject property.

6.0 AGENCY FILE REVIEWS

6.1 State Agencies

The Los Angeles Regional Water Quality Control Board (LARWQCB), Department of Toxic Substances Control (DTSC), and South Coast Air Quality Management District (SCAQMD) were contacted regarding air emissions permits and site investigation files for the subject property. Additionally, the State Water Resources Control Board's (SWRCB) GeoTracker, DTSC's EnviroStor and Hazardous Waste Tracking System (HWTS), and SCAQMD's Facility Information Detail (FIND) online databases were searched for information on the subject property to identify any evidence of previous or current hazardous material usage.

- According to the responses to our requests from the LARWQCB, DTSC, and SCAQMD, there are no files for the subject property. Furthermore, the subject property was not listed on the GeoTracker, EnviroStor, or FIND online databases.

- According to information available on the HWTS online database, Temple Academy was issued six USEPA IDs. The USEPA ID listings and hazardous wastes manifests are primarily consistent with those previously discussed in Section 5.1, with the exception of 1.38 tons of asbestos-containing waste generated under USEPA ID CAC002840150 in 2015. Based on the type of waste disposed and evidence of proper disposal, the generated hazardous waste is not expected to represent a significant environmental concern for the subject property.

The California Department of Conservation, Geologic Energy Management Division (CalGEM) Well Finder Online Mapping System was reviewed for information pertaining to oil and gas exploration on or nearby the subject property.

- No oil wells were identified within 500 feet of the subject property.

6.2 City/County Agencies

The Los Angeles County Fire Department Health and Hazardous Materials Division (LACFD HHMD), Los Angeles County Sanitation District (LACSD), and the Los Angeles County Department of Public Works (LACDPW) were contacted regarding hazardous materials, underground storage tank, and industrial waste discharge records for the subject property. Additionally, the LACFD HHMD Active and Inactive Certified Unified Program Agency (CUPA) Program Records, Site Mitigation Unit (SMU) Case Records, and California Accidental Release Program (CalARP) online databases were reviewed for information pertaining to the subject property.

- According to the responses to our requests from the LACFD HHMD, LACSD, and LACDPW, there are no files for the subject property. Furthermore, the subject property is not listed on any of the LACFD HHMD online databases.

6.3 Agency File Review Limitations

No significant data gaps were encountered during our agency file reviews.

7.0 NON-SCOPE ENVIRONMENTAL RISKS

ASTM International E1527-13 identifies additional conditions which, should they exist at the subject property, may create a human health risk to the occupants of the site. These risks may also create additional costs to the property owner in the form of identification, operations & maintenance, and cleanup or remediation.

7.1 Asbestos Containing Building Materials

Asbestos is a group of naturally occurring minerals used in many products, including building materials vehicle brakes, insulation and other products that require resistance to heat and corrosion. Asbestos includes: chrysotile, amosite, crocidolite, tremolite asbestos, anthophyllite asbestos, actinolite asbestos, and any of these materials that have been chemically treated and/or altered.

The inhalation of asbestos fibers by workers can cause cancer and other serious diseases of the lungs and other organs that may not appear until years after the exposure has occurred. For instance, asbestosis can cause a buildup of scar-like tissue in the lungs and result in loss of lung function. Asbestos fibers associated with these health risks are too small to be seen with the naked eye, and smokers are at higher risk of developing some asbestos-related diseases.

Asbestos-containing materials (ACM) do not always pose a hazard to occupants and workers in buildings that contain these materials. Intact, undisturbed ACMs generally do not pose a health risk. ACMs may become hazardous and pose an inhalation risk when they are damaged, disturbed in some manner, or deteriorate over time and asbestos fibers are released into building air.

ACM can be found in a multitude of building products which include decorative and acoustical plaster texture, fire-proofing (Monokote), joint compound, attic and wall insulation, resilient floor covering, mastic, recessed lighting fixtures, wiring, elevator brakes, fire doors, pipe insulation, pipe gaskets, duct insulation, duct tape, siding and roofing materials (tar/shingles), textured paint, stucco, concrete, asphalt underlayment (Petromat) and plaster.

Local jurisdictions have specific laws and regulations regarding asbestos and actions including building renovations and building demolition.

- Based on the lack of permanent structures currently on the subject property parking lot and recreational field, the potential for asbestos-containing materials is considered to be low.

7.2 Lead-Based Paint

Although the use of lead-based paint in residential structures has been prohibited since 1978, it may still be used in commercial and industrial buildings. It is approximated that 80 percent of buildings built prior to 1978 contain lead paint. Even at low levels, lead poisoning can cause IQ deficiencies, reading and learning disabilities, impaired hearing, reduced attention spans, hyperactivity and other behavior problems with children under 6 years old being most at risk.

Lead is a highly toxic metal that was used for many years in products found in and around our homes and commercial buildings. Lead can be found in dust from friction surfaces of windows and doors that are painted with lead-based paint and from building components coated with lead-based paint that has begun peeling, flaking and chalking. There is also the potential for soil to have elevated lead levels due to leaching from lead based paint on nearby structures and deposition of airborne lead when leaded fuel was in use prior to the 1976 ban and phase out.

Since the 1980's, lead has been phased out in gasoline, reduced in drinking water, reduced in industrial air pollution, and banned or has been limited in use in consumer products.

Between the local, State and Federal agencies, including the Environmental Protection Agency (EPA), Department of Housing and Urban Development (HUD), Occupational Safety & Health Administration (OSHA) and the California Department of Public Health (CDPH), each state has various action limits that have been enacted with the intent to prevent human exposure and contamination of the surrounding environment.

- Based on the lack of permanent structures currently on the subject property parking lot and recreational field, the potential for lead-based paint at the site is considered to be low.

7.3 Radon

Radon is a radioactive gas that has been found in structures all over the United States. Radon is produced from the natural breakdown of uranium in soil, rock, and water. Radon typically moves up through the ground and into structures through cracks and other holes in the foundation. Movement of radon through the earth is strongly influenced by moisture content and permeability of soil, porosity, and degree of fracturing in rocks, as well as surface meteorological conditions. High levels of radon have been discovered in every state.

Radon cannot be seen, smelled, or tasted. Breathing air-containing radon may increase the risk of getting lung cancer. The Surgeon General of the United States has warned that radon is the second leading cause of lung cancer in the United States today after smoking.

Testing for the presence of radon is fairly inexpensive, simple and is the only way to be certain of the on-site concentrations. Various types of sampling methods exist to determine the concentration. On-site radon sampling was not performed during the completion of this assessment.

- Based on our research at the United States Environmental Protection Agency (USEPA), the average radon concentrations for Los Angeles County are between 2.0 picocuries per liter (pCi/L) and 4.0 pCi/L, which is below the 4.0 pCi/L action level set by the USEPA. Further, the California Geological Survey *Radon Potential Radon Zone Map for Southern California*, dated January 2005, shows low concentrations of radon in the vicinity of the subject property. Site specific radon levels vary greatly within the EPA radon zones and on-site radon measurements would need to be collected in order to determine the radon levels at the subject property.

7.4 Wetlands

According to the Clean Water Act, a wetland is “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.” Wetland areas have been identified as ecologically diverse and sensitive areas and are generally subject to more stringent development, re-development, and building regulations.

- The U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory was reviewed to determine if the subject property is situated within an identified wetland. According to the USFWS, the subject property is not located within a wetland area.

7.5 Mold

Mold and mildew are simple, microscopic organisms in the Fungi kingdom that can grow virtually anywhere if they have adequate moisture, nutrients, air and appropriate temperatures. Depending on the particular mold or fungus, growing colonies can be almost any color. Most household molds and fungi (mildews) are white, black, grey, or brown colored. Spores of dozens of kinds of mold and fungus (mildew) are present at all times in indoor and outdoor air. These spores can settle, germinate and grow wherever good growth conditions are found. They can grow on soil, plants, dead plant materials, foods, fabrics, paper, wood and many other materials found within buildings. Many molds are not harmful and actually have a beneficial role in the environment and in living systems. In soil, molds play a crucial part in decomposition of organic matter and in making nutrients available to plants.

When mold and fungi (mildews) growth occurs in buildings, it can be very destructive to the materials on which they grow and cause high levels of airborne mold spores and volatile organic compounds associated with the characteristic musty / moldy odor. They cause staining, decomposition (rotting of materials) and objectionable, musty odors. Where colonies are extensive they can also produce enough spores, and by-products to be harmful to health. Many of the by-products of mold and fungus (mildew) are irritating to skin, eyes and respiratory tracts. Some molds produce true allergic sensitization and allergic reactions in susceptible people. Some molds produce toxic by-products that could be harmful to skin, and poisonous if ingested or inhaled in quantity. Persons with compromised immune systems may even experience systemic fungal infections of the respiratory tract.

- Based on the lack of permanent structures currently on the subject property parking lot and recreational field, no mold observations were made during this assessment.

7.6 Methane Gas

In response to growing concern regarding methane intrusion into buildings and to the potential for methane build-up underneath buildings, certain municipalities have established methane requirements for structures based on the proximity to oil wells and landfills. If a subject property is located in the proximity of active or abandoned oil wells or landfills, methane mitigation devices installed prior to construction activities at a subject property may be necessary.

- The Los Angeles County Department of Public Works, Solid Waste Information Management System was reviewed to determine if the property is within 1,000 feet of a landfill or 300 feet of an oil well. According to the information reviewed, the subject property is not located within 1,000 feet of a landfill or 300 feet of an oil well. Therefore, the potential for the presence of methane beneath the property is considered low.

8.0 FINDINGS

EFI Global, Inc. has performed a Phase I for Sirius Environmental (Client) for an educational property located at 635 North California Avenue, in an unincorporated area of Los Angeles County, near the City of La Puente, California, Assessor's Parcel Number: 8212-011-901. The research conducted for this study and the report prepared are in conformance with the USEPA AAI standard and the ASTM International E1527-13 scope of work.

8.1 CONCLUSIONS

EFI Global, Inc. has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM International E1527-13, at 635 North California Avenue, La Puente, California, the subject property. Any exceptions to or deletions from this practice are described in the individual sections of this report. This assessment has revealed no evidence of recognized environmental conditions or *de minimis* conditions in connection with the subject property, except for the following:

Recognized Environmental Condition (REC)

The identification of VOCs in groundwater in the vicinity of the subject property, associated to the San Gabriel Valley (Area 4) NPL, represents a REC as a VEC exists.

Historical Recognized Environmental Condition (HREC)

In our opinion, no HRECs were identified during the course of this assessment.

Controlled Recognized Environmental Condition (CREC)

In our opinion, no CRECs were identified during the course of this assessment.

De Minimis Condition

In our opinion, no *de minimis* conditions were identified during the course of this assessment.

8.2 RECOMMENDATIONS

Based upon the foregoing, a Phase II Environmental Site Assessment is recommended.

9.0 SIGNATURES

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By: Date: April 23, 2021



Diana Arellano
Project Manager

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Reviewed By: Date: April 23, 2021



Christopher Rude
Senior Project Manager

10.0 REFERENCES

ASTM International, 2013. Subcommittee E50.2 Commercial Real Estate Transactions, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", Designation E1527-13, West Conshohocken, PA 35 pp.

ASTM International, 2015. Subcommittee E50.2 on Real Estate Assessment and Management, "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions", Designation E2600-15, West Conshohocken, PA 34 pp.

California Department of Conservation, Geologic Energy Management Division (CalGEM) Well Finder - https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx

California Department of Conservation, California Geologic Survey - http://www.consrv.ca.gov/CGS

California Department of Water Resources, Individual Basin Descriptions -http://www.groundwater.water.ca.gov/bulletin118

County of Los Angeles Heath Hazardous Materials Division - https://www.fire.lacounty.gov/hhmd/public-records-requests/

DTSC Hazardous Waste Tracking System (HWTS) Reports - http://hwts.dtsc.ca.gov/report_list.cfm

Environmental Data Resources, Inc., 2020. The EDR Radius Map with GeoCheck®, Inquiry No. 6274397.2s, Shelton CT, 538 pp.

Environmental Data Resources, Inc., 2020. The EDR City Directory Abstract, Inquiry No. 6274397.5, Shelton CT, 37 pp.

Environmental Data Resources, Inc., 2020. Certified Sanborn® Map Report, Inquiry No. 6274397.3, Shelton CT, 2 pp.

Environmental Data Resources, Inc., 2020. The EDR Aerial Photo Decade Package, Inquiry No. 6274397.8, Shelton CT, 18 pp.

Environmental Data Resources, Inc. 2020. The EDR Historical Topographic Map Report (USGS Baldwin Park, California 7.5 minute), Inquiry No. 6274397.4, Shelton CT, 15 pp.

EnviroStor- http://www.envirostor.dtsc.ca.gov/public/

GeoTracker - http://geotracker.waterboards.ca.gov/

Google Earth - http://earth.google.com/

Los Angeles County Office of the Assessor - http://maps.assessor.lacounty.gov/

Solid Waste Information Management System - https://dpw.lacounty.gov/epd/swims/OnlineServices/search-methane-hazards-esri.aspx

South Coast Air Quality Management District Facility Information Detail System (FIND)- http://www3.aqmd.gov/webappl/fim/prog/search.aspx

Wetlands Mapper - https://www.fws.gov/wetlands/Data/Mapper.htm

APPENDIX I

ILLUSTRATIONS

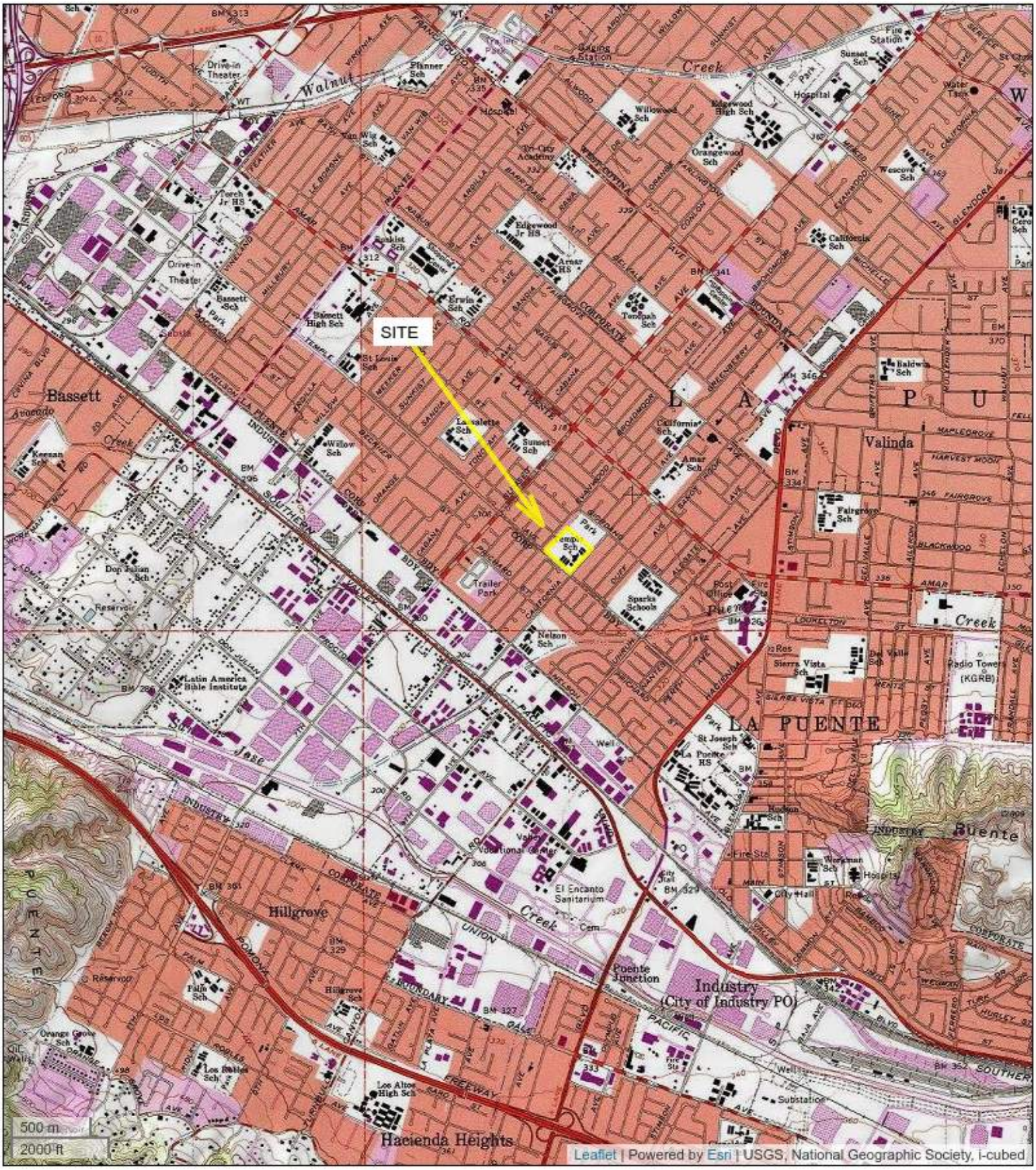


Figure 1: TOPOGRAPHIC MAP

635 North California Avenue, La Puente, California 91744

Sirius Environmental

EFI Project Number: 045.05245

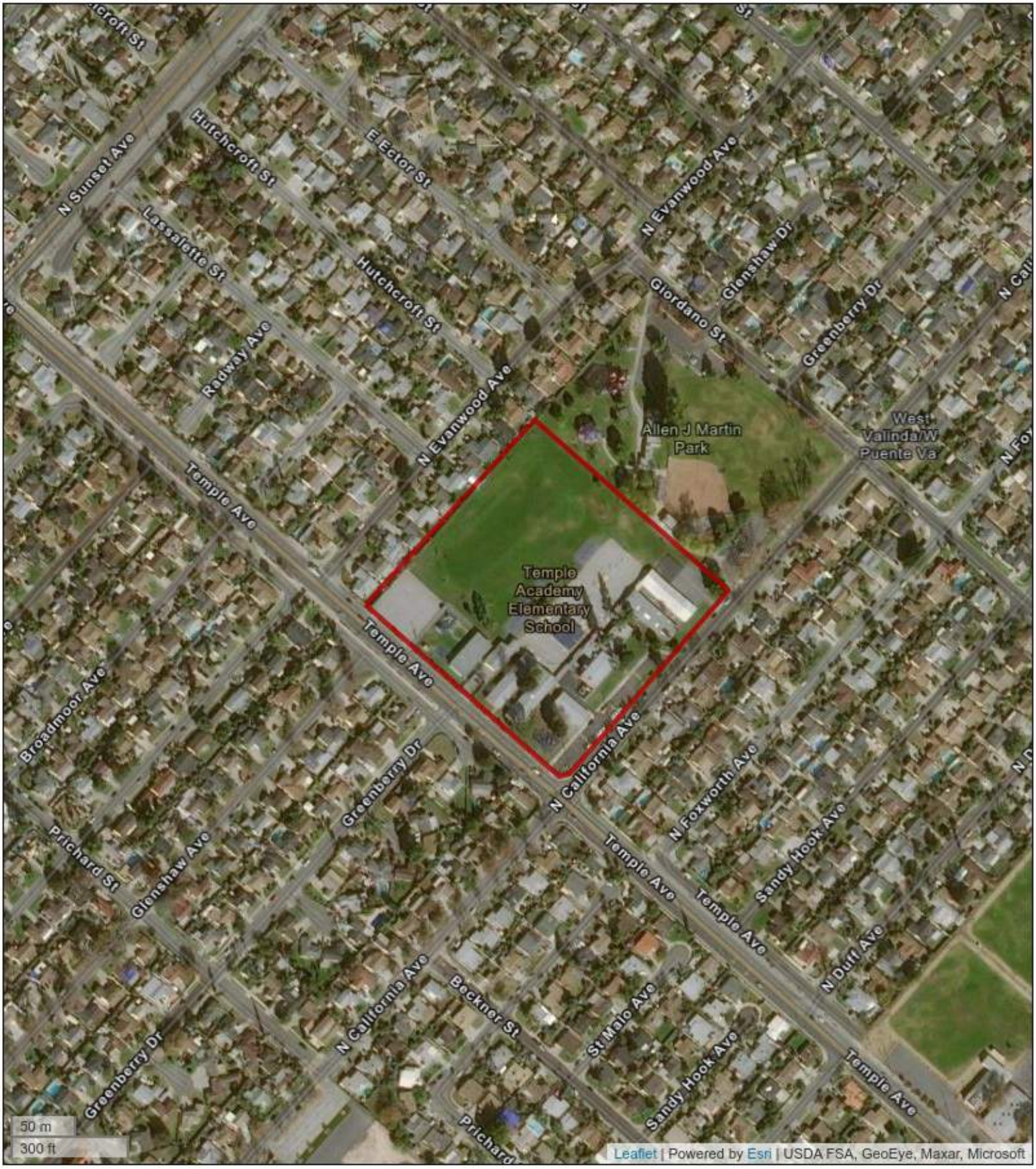


Figure 2: SITE LOCATION MAP

635 North California Avenue, La Puente, California 91744

Sirius Environmental

EFI Project Number: 045.05245



LEGEND

- PROPERTY LINE
- SUBJECT STRUCTURE
- PROPOSED PROJECT LOCATION
- GROUNDWATER MONITORING WELL

N

APPROX. SCALE: 1"=150'

0 75' 150'

IMAGE SOURCE: GOOGLE EARTH, IMAGE DATE

SITE PLAN

635 N CALIFORNIA AVE
LA PUENTE CA 91744

efi global

PN: 045.05245	FIGURE 3
DT: 4/1/2021	
DB: HM | CB: DA	

K:\AE 2020\Projects 2020\045 Projects 2020\045.05245_635 N California Ave La Puente CA 91744_PHI\045.05245_CAD\045.05245_SitePlan



-Figure 7-
Prescribed Remedy
Shallow Zone
Puente Valley
Operable Unit

N

Shallow Zone Remedy Pipeline

SZ Remedial Extraction Well

Treatment Plant

Washes

VOC Contamination

- Greater than 100x MCL
- Greater than 20x MCL
- Greater than 10x MCL
- Greater than 1x MCL

Source:
Ecology and Environment, Inc.
San Gabriel Basin Database GIS
Prepared for EPA 2011

1,100 550 0 1,100 Feet

Water Quality Authority

Updated 02/13/2020

LEGEND

NO SCALE

SITE PLAN

SAN GABRIEL VALLEY
AREA 4 - NPL

efi global

PN: 045.05245	FIGURE
DT: 4/20/2021	4
DB: DA CB: DA	

APPENDIX II

PHOTOS



Photo 1: View of the proposed aquatic center project.



Photo 2: View of the ball park area, facing south.



Photo 3: View of the tree on the northern portion.



Photo 4: Additional view of the ball park area, facing east.



Photo 5: Additional view of the ball park area, facing southwest.



Photo 6: Additional view of the ball park area, facing northeast.



Photo 7: View of the tree on the southern portion.



Photo 8: View of the subject property parking lot, facing northwest.



Photo 9: View of the east adjoining Temple School.



Photo 10: View of the subject property parking lot, facing north.



Photo 11: View of the southwest adjoining driveway.



Photo 12: View of the east adjoining Temple School.



Photo 13: View of the southwest adjacent properties.



Photo 14: View of the northwest adjoining properties.



Photo 15: View of the northeast adjoining ball park area.



Photo 16: View of an adjacent transformer.



Photo 17: View of a monitoring well on the adjacent park.



Photo 18: View of additional monitoring wells on the adjacent roadways.

APPENDIX III

RADIUS MAP REPORT

045.05245_635 N California Ave
635 North California Avenue
LA Puente, CA 91744

Inquiry Number: 6274397.2s
November 20, 2020

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Map Findings	9
Orphan Summary	255
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

635 NORTH CALIFORNIA AVENUE
LA PUENTE, CA 91744

COORDINATES

Latitude (North):	34.0385630 - 34° 2' 18.82''
Longitude (West):	117.9634340 - 117° 57' 48.36''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	411065.6
UTM Y (Meters):	3766655.8
Elevation:	315 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5619056 BALDWIN PARK, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
635 NORTH CALIFORNIA AVENUE
LA PUENTE, CA 91744

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	SAN GABRIEL VALLEY		AOCONCERN		TP
Reg	SAN GABRIEL VALLEY (	STIMSON AVE & OLD VA	NPL, SEMS, US ENG CONTROLS, ROD, PRP, ICIS, FINDS,...		TP
A1	TEMPLE ACADEMY	635 N CALIFORNIA AVE	HWTS		TP
A2	HACIENDA LA PUENTE U	635 CALIFORNIA AVE	HWTS		TP
A3	HACIENDA LA PUENTE U	635 N CALIFORNIA AVE	HAZNET, HWTS		TP
A4	HACIENDA LA PUENTE U	635 N CALIFORNIA AVE	HWTS		TP
A5	TEMPLE ACADEMY	635 CALIFORNIA AVE	HWTS		TP
A6	HLPUSD TEMPLE ACADEM	635 CALIFORNIA AVE	HWTS		TP
Reg	SAN GABRIEL VALLEY A	SUNSET & SAN BERNARD	NPL, SEMS, US ENG CONTROLS, RCRA NonGen / NLR,...	Same	5240, 0.992, NNW
7	ELEANOR ROMERO	14740 ECTOR ST	RCRA NonGen / NLR	Higher	288, 0.055, North
8	CLAUDE S AUTO SERVIC	540 S GREENBERRY D	EDR Hist Auto	Lower	303, 0.057, SW
9	VY THIEU HOANG	751 GREENBERRY DR	RCRA NonGen / NLR	Higher	533, 0.101, NE
10	SCOTT S SERVICE STAT	502 S GREENBERRY D	EDR Hist Auto	Lower	637, 0.121, SW
11	DALE LAUDERDALE	744 FOXWORTH AVE	RCRA NonGen / NLR	Higher	654, 0.124, East
B12	BLANCA MEDINA	725 SHADYDALE AVENUE	RCRA NonGen / NLR	Higher	1046, 0.198, NNW
B13	OKUHATE, STEVEN A AN	721 SHADYDALE AVE	RCRA NonGen / NLR	Higher	1069, 0.202, NNW
B14	HC CONSTRUCTION	14605 ECTOR ST	RCRA NonGen / NLR	Higher	1138, 0.216, NNW
15	SETH ESHELMAN	402 GLENSHAW DRIVE	RCRA NonGen / NLR	Lower	1154, 0.219, SW
C16	LES SCHAUER CHEVRON	603 N SUNSET AVE	RCRA-SQG, FINDS, ECHO	Lower	1253, 0.237, WNW
C17	CHEVRON #9-1787	603 SUNSET AVE N	LUST, Cortese, HIST CORTESE, CERS	Lower	1253, 0.237, WNW
C18	91787	603 N SUNSET	SWEEPS UST, HIST UST, LOS ANGELES CO. HMS	Lower	1253, 0.237, WNW
C19	91787	603 SUNSET AVE	HIST UST	Lower	1253, 0.237, WNW
20	HUIZAR, YOLANDA	503 MELHAM AVENUE	RCRA NonGen / NLR	Lower	1297, 0.246, SSE
C21	CONOCOPHILLIPS COMPA	551 SUNSET AVE N	LUST, Cortese, LOS ANGELES CO. HMS, CERS	Lower	1357, 0.257, WNW
C22	UNOCAL #5786	551 SUNSET	LUST, HIST CORTESE, CERS	Lower	1357, 0.257, WNW
C23	UNOCAL #5786	551 SUNSET AVE	LUST, Cortese	Lower	1357, 0.257, WNW
D24	CVS PHARMACY	848 N SUNSET AVE	LUST, Cortese, LOS ANGELES CO. HMS, CERS	Higher	1724, 0.327, North
D25	JARA BODY SHOP	856 N SUNSET	CPS-SLIC, HIST UST, WIP	Higher	1767, 0.335, North
E26	COMPARE VALUE	14900 E. NELSON AVE.	CPS-SLIC, WIP	Lower	1843, 0.349, SSW
E27	JACOBO AND SONS	14842 NELSON AVE.	CPS-SLIC, WIP	Lower	1875, 0.355, SW
F28	LANE STANTON VANCE L	14710 E. NELSON AVE.	CPS-SLIC, WIP	Lower	1908, 0.361, WSW
F29	LANE STANTON VANACE	14710 NELSON AVE	LUST, Cortese, HIST CORTESE, WDS, CERS	Lower	1908, 0.361, WSW
F30	LANE STANTON VANCE L	14710 NELSON AVE S	LUST, Cortese, CERS	Lower	1908, 0.361, WSW
31	DAYSTONE	14830 E. NELSON AVE.	CPS-SLIC, WIP	Lower	1923, 0.364, SW
32	NLC PLASTIC GRAPHICS	14940 E. NELSON AVE.	CPS-SLIC, WIP	Lower	1930, 0.366, SSW
E33	EDUARDO SCHNEIDER	241 CALIFORNIA AVE.	LUST, Cortese, CERS	Lower	1945, 0.368, SW
D34	087	861 SUNSET AVE	LUST, HIST UST, Cortese, CERS	Higher	2002, 0.379, North
G35	LA PUENTE AUTO ELECT	908 N SUNSET AVE	Cortese, LOS ANGELES CO. HMS, CERS	Higher	2039, 0.386, North
G36	LA PUENTE AUTO ELECT	908 N SUNSET AVE	LUST	Higher	2039, 0.386, North

MAPPED SITES SUMMARY

Target Property Address:
635 NORTH CALIFORNIA AVENUE
LA PUENTE, CA 91744

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
H37	DOOLEY FOREST PRODUC	15006 E. NELSON AVE.	CPS-SLIC, WIP	Lower	2043, 0.387, SSW
I38	SUNSET FUEL STOP (FO	322 SUNSET	HIST CORTESE	Lower	2055, 0.389, West
I39	SUNSET FUEL STOP (FO	322 SUNSET AVE N	LUST, Cortese, ENF, CERS	Lower	2055, 0.389, West
H40	EDNA INC.	15006 NELSON AVE	LUST, Cortese, HIST CORTESE, CERS	Lower	2077, 0.393, SSW
E41	HEAVY DUTY TRUCK REP	233 N. CALIFORNIA AV	CPS-SLIC, WIP	Lower	2098, 0.397, SW
J42	SCOTT-CAUDILL LUMBER	14624 E. NELSON AVE.	CPS-SLIC, SWEEPS UST	Lower	2155, 0.408, WSW
F43	CUSTOM MILLS INC.	14700 E. NELSON AVE.	CPS-SLIC, WIP	Lower	2169, 0.411, WSW
F44	CITY OF INDUSTRY	14700 NELSON AVE	CPS-SLIC, HAZNET, HWTS	Lower	2169, 0.411, WSW
K45	M-BRO CORPORATION	212 N. CALIFORNIA AV	CPS-SLIC, WIP	Lower	2209, 0.418, SSW
K46	PUENTE READY MIX	209 CALIFORNIA AVE N	LUST, Cortese, HIST CORTESE, CERS	Lower	2263, 0.429, SW
K47	PUENTE READY MIX	209 N CALIFORNIA AVE	CPS-SLIC, CERS HAZ WASTE, SWEEPS UST, CA FID UST,...	Lower	2263, 0.429, SW
L48	JK DIESEL REPAIR	15100 NELSON AVE	CPS-SLIC, CERS HAZ WASTE, CHMIRS, HIST CORTESE,...	Lower	2311, 0.438, South
L49	TECHALLOY COMPANY IN	15100 NELSON AVE E	LUST, Cortese, CERS	Lower	2311, 0.438, South
L50	BROUGH INDUSTRIES IN	15100 E NELSON AVE	SEMS, ECHO	Lower	2361, 0.447, South
L51	WOLSEY CO	15110 E NELSON AVE	RCRA-SQG, CPS-SLIC, FINDS, ECHO, HAZNET, WIP, HWTS	Lower	2388, 0.452, South
K52	ACCENT FENCE CO., IN	180 N. CALIFORNIA AV	CPS-SLIC, WIP	Lower	2413, 0.457, SSW
J53	THE VANODE COMPANY	228 N. SUNSET AVE.	CPS-SLIC, WIP	Lower	2420, 0.458, WSW
54	TOSCO S.S. #5432	15135 AMAR RD E	LUST, Cortese, HIST CORTESE, CERS	Higher	2507, 0.475, East
55	GENERAL SUPPLIES GEN	220 N SUNSET AVE	CPS-SLIC, EMI, HAZNET, HWTS	Lower	2515, 0.476, WSW
M56	BARR LUMBER CO., INC	127 CALIFORNIA AVE N	LUST, Cortese, HIST CORTESE, CERS	Lower	2541, 0.481, SW
M57	BARR LUMBER CO	127 N CALIFORNIA AVE	CPS-SLIC, SWEEPS UST, LA Co. Site Mitigation, WIP	Lower	2541, 0.481, SW
58	RANKIN OVERHEAD DOOR	15150 E NELSON	RCRA-SQG, LUST, SWEEPS UST, FINDS, ECHO, Cortese,...	Higher	2613, 0.495, South
59	GNB BATTERIES INC	14500 NELSON AVENUE	ENVIROSTOR, HIST UST, EMI, LA Co. Site Mitigation	Lower	2722, 0.516, West
60	HERTZ PENSKE TRUCK	14804 EAST VALLY BLV	Notify 65	Lower	2966, 0.562, SW
61	PUENTE VALLEY (SAN G	COVERS MOST OF CITY	ENVIROSTOR, Cortese	Lower	3163, 0.599, SSW
62	VERTIS INC.	15354 STAFFORD STREE	RCRA-SQG, ENVIROSTOR, EMI	Higher	3990, 0.756, South
63	BENCHMARK TECHNOLOGY	200 TURNBULL CYN RD.	Notify 65	Lower	4185, 0.793, South
64	ACORN ENGINEERING CO	15125 PROCTOR AVENUE	Notify 65	Lower	4454, 0.844, SSW
65	PACTIV CORP.	14505 PROCTOR AVE	EMI, Notify 65, WDS	Lower	4690, 0.888, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
SAN GABRIEL VALLEY BALDWIN PARK, CA	AOCONCERN	N/A
SAN GABRIEL VALLEY (STIMSON AVE & OLD VA LA PUENTE, CA 91744	NPL Cerclis ID:: 902091 EPA Id: CAD980817985 SEMS Site ID: 0902091 EPA Id: CAD980817985 US ENG CONTROLS EPA ID:: CAD980817985 EPA ID:: CAD980817985 ROD EPA ID:: CAD980817985 PRP ICIS FRS ID:: 110009267907 FINDS Registry ID:: 110009267907 ECHO Registry ID: 110009267907	CAD980817985
TEMPLE ACADEMY 635 N CALIFORNIA AVE LA PUENTE, CA 91744	HWTS	N/A
HACIENDA LA PUENTE U 635 CALIFORNIA AVE LA PUENTE, CA 91744	HWTS	N/A
HACIENDA LA PUENTE U 635 N CALIFORNIA AVE LA PUENTE, CA 91744	HAZNET GEPAID: CAC002767241 HWTS	N/A
HACIENDA LA PUENTE U 635 N CALIFORNIA AVE LA PUENTE, CA 91744	HWTS	N/A
TEMPLE ACADEMY 635 CALIFORNIA AVE LA PUENTE, CA 91744	HWTS	N/A

EXECUTIVE SUMMARY

HLPUSD TEMPLE ACADEM
635 CALIFORNIA AVE
LA PUENTE, CA 91744

HWTS

N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US INST CONTROLS ---------- Institutional Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST Underground Storage Tank Listing
UST Active UST Facilities
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
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
ODI Open Dump Inventory
IHS OPEN DUMPS Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register
HIST Cal-Sites Historical Calsites Database
SCH School Property Evaluation Program
CDL Clandestine Drug Labs
Toxic Pits Toxic Pits Cleanup Act Sites
CERS HAZ WASTE CERS HAZ WASTE
US CDL National Clandestine Laboratory Register

PFAS ..... PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

CA FID UST ..... Facility Inventory Database
CERS TANKS ..... California Environmental Reporting System (CERS) Tanks

Local Land Records

LIENS ..... Environmental Liens Listing
LIENS 2 ..... CERCLA Lien Information
DEED ..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
CHMIRS ..... California Hazardous Material Incident Report System
LDS ..... Land Disposal Sites Listing
MCS ..... Military Cleanup Sites Listing
SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

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
RMP ..... Risk Management Plans
RAATS ..... RCRA Administrative Action Tracking System
PADS ..... PCB Activity Database 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
UXO ..... Unexploded Ordnance Sites
FUELS PROGRAM ..... EPA Fuels Program Registered Listing

EXECUTIVE SUMMARY

CA BOND EXP. PLAN	Bond Expenditure Plan
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	ICE
LOS ANGELES CO. HMS	HMS: Street Number List
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
LA Co. Site Mitigation	Site Mitigation List
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing
CIWQS	California Integrated Water Quality System
CERS	CERS
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)
MINES MRDS	Mineral Resources Data System
LOS ANGELES CO LF METHANE	Methane Producing Landfills

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.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 07/29/2020 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY A Cerclis ID:: 902092 EPA Id: CAD980818512	***SUNSET & SAN BERNARD***	***NNW 1/2 - 1 (0.992 mi.)***	***0***	***39***

Federal CERCLIS list

SEMS: 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.

A review of the SEMS list, as provided by EDR, and dated 07/29/2020 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BROUGH INDUSTRIES IN Site ID: 0904474 EPA Id: CAD983633710	***15100 E NELSON AVE***	***S 1/4 - 1/2 (0.447 mi.)***	***L50***	***182***

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/15/2020 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LES SCHAUER CHEVRON	***603 N SUNSET AVE***	***WNW 1/8 - 1/4 (0.237 mi.)***	***C16***	***73***
EPA ID:: CAD981395940				

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/27/2020 has revealed that there are 3 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VERTIS INC.	***15354 STAFFORD STREE***	***S 1/2 - 1 (0.756 mi.)***	***62***	***237***
Facility Id: 71002503				
Status: Refer: Other Agency				

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB BATTERIES INC	***14500 NELSON AVENUE***	***W 1/2 - 1 (0.516 mi.)***	***59***	***217***
Facility Id: 60000157				
Status: Refer: 1248 Local Agency				
PUENTE VALLEY (SAN G	***COVERS MOST OF CITY***	***SSW 1/2 - 1 (0.599 mi.)***	***61***	***220***
Facility Id: 60001338				
Status: Active				

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 17 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CVS PHARMACY	***848 N SUNSET AVE***	***N 1/4 - 1/2 (0.327 mi.)***	***D24***	***92***
Database: LUST, Date of Government Version: 06/08/2020 Status: Completed - Case Closed Global Id: T0603782855				
087	***861 SUNSET AVE***	***N 1/4 - 1/2 (0.379 mi.)***	***D34***	***110***
Database: LUST, Date of Government Version: 06/08/2020 Status: Completed - Case Closed Global Id: T0603765571				
LA PUENTE AUTO ELECT	908 N SUNSET AVE	N 1/4 - 1/2 (0.386 mi.)	G36	119
Database: LUST, Date of Government Version: 06/08/2020 Status: Completed - Case Closed Global Id: T0603764924				
TOSCO S.S. #5432	***15135 AMAR RD E***	***E 1/4 - 1/2 (0.475 mi.)***	***54***	***190***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/08/2020 Status: Open - Site Assessment Facility Id: R-22097 Status: Leak being confirmed Global Id: T0603705353 Global ID: T0603705353				
RANKIN OVERHEAD DOOR	***15150 E NELSON***	***S 1/4 - 1/2 (0.495 mi.)***	***58***	***210***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/08/2020 Status: Completed - Case Closed Facility Id: I-13219 Status: Case Closed Global Id: T0603704053 Global ID: T0603704053				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-1787	***603 SUNSET AVE N***	***WNW 1/8 - 1/4 (0.237 mi.)***	***C17***	***76***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/08/2020 Status: Completed - Case Closed Facility Id: R-05041 Status: Case Closed Global Id: T0603704663 Global ID: T0603704663				
CONOCOPHILLIPS COMPA	***551 SUNSET AVE N***	***WNW 1/4 - 1/2 (0.257 mi.)***	***C21***	***86***
Database: LUST, Date of Government Version: 06/08/2020 Status: Completed - Case Closed				

Global Id: T10000001295

UNOCAL #5786 ***551 SUNSET*** ***WNW 1/4 - 1/2 (0.257 mi.)*** ***C22*** ***89***
Database: LUST, Date of Government Version: 06/08/2020
Status: Completed - Case Closed
Global Id: T0603703022

UNOCAL #5786 ***551 SUNSET AVE*** ***WNW 1/4 - 1/2 (0.257 mi.)*** ***C23*** ***91***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: I-05049
Status: Case Closed
Global ID: T0603703022

LANE STANTON VANACE ***14710 NELSON AVE*** ***WSW 1/4 - 1/2 (0.361 mi.)*** ***F29*** ***98***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 06/08/2020
Status: Completed - Case Closed
Facility Id: R-15141
Status: Case Closed
Global Id: T0603705248
Global ID: T0603705248

LANE STANTON VANCE L ***14710 NELSON AVE S*** ***WSW 1/4 - 1/2 (0.361 mi.)*** ***F30*** ***103***
Database: LUST, Date of Government Version: 06/08/2020
Status: Completed - Case Closed
Global Id: T0603711765

EDUARDO SCHNEIDER ***241 CALIFORNIA AVE.*** ***SW 1/4 - 1/2 (0.368 mi.)*** ***E33*** ***107***
Database: LUST, Date of Government Version: 06/08/2020
Status: Completed - Case Closed
Global Id: T10000000672

SUNSET FUEL STOP (FO ***322 SUNSET AVE N*** ***W 1/4 - 1/2 (0.389 mi.)*** ***I39*** ***121***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 06/08/2020
Status: Completed - Case Closed
Facility Id: R-26360
Status: Case Closed
Global Id: T0603705536
Global ID: T0603705536

EDNA INC. ***15006 NELSON AVE*** ***SSW 1/4 - 1/2 (0.393 mi.)*** ***H40*** ***126***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 06/08/2020
Status: Completed - Case Closed
Facility Id: I-12595
Status: Case Closed
Global Id: T0603703982
Global ID: T0603703982

PUENTE READY MIX ***209 CALIFORNIA AVE N*** ***SW 1/4 - 1/2 (0.429 mi.)*** ***K46*** ***134***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 06/08/2020
Status: Completed - Case Closed
Facility Id: I-11901
Status: Case Closed
Global Id: T0603703867
Global ID: T0603703867

TECHALLOY COMPANY IN ***15100 NELSON AVE E*** ***S 1/4 - 1/2 (0.438 mi.)*** ***L49*** ***179***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 06/08/2020

Status: Completed - Case Closed
Facility Id: I-03464
Status: Case Closed
Global Id: T0603702917
Global ID: T0603702917

BARR LUMBER CO., INC ***127 CALIFORNIA AVE N*** ***SW 1/4 - 1/2 (0.481 mi.)*** ***M56*** ***205***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 06/08/2020
Status: Completed - Case Closed
Facility Id: R-11356
Status: Case Closed
Global Id: T0603705036
Global ID: T0603705036

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 19 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JARA BODY SHOP	***856 N SUNSET***	***N 1/4 - 1/2 (0.335 mi.)***	***D25***	***95***
Database: CPS-SLIC, Date of Government Version: 06/08/2020 Facility Status: Completed - Case Closed Global Id: T10000014203				

Lower Elevation	Address	Direction / Distance	Map ID	Page
COMPARE VALUE	***14900 E. NELSON AVE.***	***SSW 1/4 - 1/2 (0.349 mi.)***	***E26***	***96***
Database: CPS-SLIC, Date of Government Version: 06/08/2020 Facility Status: Completed - Case Closed Global Id: T10000014467				
JACOBO AND SONS	***14842 NELSON AVE.***	***SW 1/4 - 1/2 (0.355 mi.)***	***E27***	***97***
Database: CPS-SLIC, Date of Government Version: 06/08/2020 Facility Status: Completed - Case Closed Global Id: T10000014249				
LANE STANTON VANCE L	***14710 E. NELSON AVE.***	***WSW 1/4 - 1/2 (0.361 mi.)***	***F28***	***98***
Database: CPS-SLIC, Date of Government Version: 06/08/2020 Facility Status: Completed - Case Closed Global Id: T10000014399				
DAYSTONE	***14830 E. NELSON AVE.***	***SW 1/4 - 1/2 (0.364 mi.)***	***31***	***105***
Database: CPS-SLIC, Date of Government Version: 06/08/2020 Facility Status: Completed - Case Closed Global Id: T10000014314				
NLC PLASTIC GRAPHICS	***14940 E. NELSON AVE.***	***SSW 1/4 - 1/2 (0.366 mi.)***	***32***	***106***
Database: CPS-SLIC, Date of Government Version: 06/08/2020 Facility Status: Completed - Case Closed Global Id: T10000014259				
DOOLEY FOREST PRODUC	***15006 E. NELSON AVE.***	***SSW 1/4 - 1/2 (0.387 mi.)***	***H37***	***120***
Database: CPS-SLIC, Date of Government Version: 06/08/2020				

Facility Status: Completed - Case Closed
Global Id: T10000014199

HEAVY DUTY TRUCK REP ***233 N. CALIFORNIA AV*** ***SW 1/4 - 1/2 (0.397 mi.)*** ***E41*** ***129***
Database: CPS-SLIC, Date of Government Version: 06/08/2020
Facility Status: Completed - Case Closed
Global Id: T10000014244

SCOTT-CAUDILL LUMBER ***14624 E. NELSON AVE.*** ***WSW 1/4 - 1/2 (0.408 mi.)*** ***J42*** ***130***
Database: CPS-SLIC, Date of Government Version: 06/08/2020
Facility Status: Completed - Case Closed
Global Id: T10000014415

CUSTOM MILLS INC. ***14700 E. NELSON AVE.*** ***WSW 1/4 - 1/2 (0.411 mi.)*** ***F43*** ***131***
Database: CPS-SLIC, Date of Government Version: 06/08/2020
Facility Status: Completed - Case Closed
Global Id: T10000014382

CITY OF INDUSTRY ***14700 NELSON AVE*** ***WSW 1/4 - 1/2 (0.411 mi.)*** ***F44*** ***132***
Database: CPS-SLIC, Date of Government Version: 06/08/2020
Facility Status: Completed - Case Closed
Global Id: T10000014389

M-BRO CORPORATION ***212 N. CALIFORNIA AV*** ***SSW 1/4 - 1/2 (0.418 mi.)*** ***K45*** ***133***
Database: CPS-SLIC, Date of Government Version: 06/08/2020
Facility Status: Completed - Case Closed
Global Id: T10000014313

PUENTE READY MIX ***209 N CALIFORNIA AVE*** ***SW 1/4 - 1/2 (0.429 mi.)*** ***K47*** ***138***
Database: CPS-SLIC, Date of Government Version: 06/08/2020
Facility Status: Completed - Case Closed
Global Id: T10000014287
Global Id: T10000014355

JK DIESEL REPAIR ***15100 NELSON AVE*** ***S 1/4 - 1/2 (0.438 mi.)*** ***L48*** ***167***
Database: CPS-SLIC, Date of Government Version: 06/08/2020
Facility Status: Open - Remediation
Global Id: T10000004390

WOLSEY CO ***15110 E NELSON AVE*** ***S 1/4 - 1/2 (0.452 mi.)*** ***L51*** ***184***
Database: CPS-SLIC, Date of Government Version: 06/08/2020
Facility Status: Completed - Case Closed
Global Id: T10000014356

ACCENT FENCE CO., IN ***180 N. CALIFORNIA AV*** ***SSW 1/4 - 1/2 (0.457 mi.)*** ***K52*** ***189***
Database: CPS-SLIC, Date of Government Version: 06/08/2020
Facility Status: Completed - Case Closed
Global Id: T10000014357

THE VANODE COMPANY ***228 N. SUNSET AVE.*** ***WSW 1/4 - 1/2 (0.458 mi.)*** ***J53*** ***190***
Database: CPS-SLIC, Date of Government Version: 06/08/2020
Facility Status: Completed - Case Closed
Global Id: T10000014289

GENERAL SUPPLIES GEN ***220 N SUNSET AVE*** ***WSW 1/4 - 1/2 (0.476 mi.)*** ***55*** ***198***
Database: CPS-SLIC, Date of Government Version: 06/08/2020
Facility Status: Completed - Case Closed
Global Id: T10000014220

BARR LUMBER CO ***127 N CALIFORNIA AVE*** ***SW 1/4 - 1/2 (0.481 mi.)*** ***M57*** ***209***
Database: CPS-SLIC, Date of Government Version: 06/08/2020
Facility Status: Completed - Case Closed
Global Id: T10000014366

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
91787	***603 N SUNSET***	***WNW 1/8 - 1/4 (0.237 mi.)***	***C18***	***80***
Comp Number: 5041				

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
91787	***603 N SUNSET***	***WNW 1/8 - 1/4 (0.237 mi.)***	***C18***	***80***
91787	603 SUNSET AVE	WNW 1/8 - 1/4 (0.237 mi.)	C19	82
Facility Id: 00000062132				

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/15/2020 has revealed that there are 8 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELEANOR ROMERO EPA ID:: CAC003039242	14740 ECTOR ST	N 0 - 1/8 (0.055 mi.)	7	55
VY THIEU HOANG EPA ID:: CAC003027715	751 GREENBERRY DR	NE 0 - 1/8 (0.101 mi.)	9	58
DALE LAUDERDALE EPA ID:: CAC003018309	744 FOXWORTH AVE	E 0 - 1/8 (0.124 mi.)	11	61
BLANCA MEDINA EPA ID:: CAC003025033	725 SHADYDALE AVENUE	NNW 1/8 - 1/4 (0.198 mi.)	B12	63
OKUHATE, STEVEN A AN	721 SHADYDALE AVE	NNW 1/8 - 1/4 (0.202 mi.)	B13	66
HC CONSTRUCTION	14605 ECTOR ST	NNW 1/8 - 1/4 (0.216 mi.)	B14	68

EPA ID:: CAC002977211

Lower Elevation	Address	Direction / Distance	Map ID	Page
SETH ESHELMAN EPA ID:: CAC003001566	402 GLENSHAW DRIVE	SW 1/8 - 1/4 (0.219 mi.)	15	71
HUIZAR, YOLANDA EPA ID:: CAC003001759	503 MELHAM AVENUE	SSE 1/8 - 1/4 (0.246 mi.)	20	83

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 07/29/2020 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY A EPA ID:: CAD980818512	***SUNSET & SAN BERNARD***	***NNW 1/2 - 1 (0.992 mi.)***	***0***	***39***

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 06/22/2020 has revealed that there are 16 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CVS PHARMACY Cleanup Status: COMPLETED - CASE CLOSED	***848 N SUNSET AVE***	***N 1/4 - 1/2 (0.327 mi.)***	***D24***	***92***
087 Cleanup Status: COMPLETED - CASE CLOSED	***861 SUNSET AVE***	***N 1/4 - 1/2 (0.379 mi.)***	***D34***	***110***
LA PUENTE AUTO ELECT Cleanup Status: COMPLETED - CASE CLOSED	***908 N SUNSET AVE***	***N 1/4 - 1/2 (0.386 mi.)***	***G35***	***117***
TOSCO S.S. #5432 Cleanup Status: OPEN - SITE ASSESSMENT	***15135 AMAR RD E***	***E 1/4 - 1/2 (0.475 mi.)***	***54***	***190***
RANKIN OVERHEAD DOOR Cleanup Status: COMPLETED - CASE CLOSED	***15150 E NELSON***	***S 1/4 - 1/2 (0.495 mi.)***	***58***	***210***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-1787 Cleanup Status: COMPLETED - CASE CLOSED	***603 SUNSET AVE N***	***WNW 1/8 - 1/4 (0.237 mi.)***	***C17***	***76***
CONOCOPHILLIPS COMPA Cleanup Status: COMPLETED - CASE CLOSED	***551 SUNSET AVE N***	***WNW 1/4 - 1/2 (0.257 mi.)***	***C21***	***86***
UNOCAL #5786 Cleanup Status: COMPLETED - CASE CLOSED	***551 SUNSET AVE***	***WNW 1/4 - 1/2 (0.257 mi.)***	***C23***	***91***
LANE STANTON VANACE Cleanup Status: COMPLETED - CASE CLOSED	***14710 NELSON AVE***	***WSW 1/4 - 1/2 (0.361 mi.)***	***F29***	***98***
LANE STANTON VANCE L	***14710 NELSON AVE S***	***WSW 1/4 - 1/2 (0.361 mi.)***	***F30***	***103***

Cleanup Status: COMPLETED - CASE CLOSED

EDUARDO SCHNEIDER	***241 CALIFORNIA AVE.***	***SW 1/4 - 1/2 (0.368 mi.)***	***E33***	***107***
Cleanup Status: COMPLETED - CASE CLOSED				
SUNSET FUEL STOP (FO	***322 SUNSET AVE N***	***W 1/4 - 1/2 (0.389 mi.)***	***I39***	***121***
Cleanup Status: COMPLETED - CASE CLOSED				
EDNA INC.	***15006 NELSON AVE***	***SSW 1/4 - 1/2 (0.393 mi.)***	***H40***	***126***
Cleanup Status: COMPLETED - CASE CLOSED				
PUENTE READY MIX	***209 CALIFORNIA AVE N***	***SW 1/4 - 1/2 (0.429 mi.)***	***K46***	***134***
Cleanup Status: COMPLETED - CASE CLOSED				
TECHALLOY COMPANY IN	***15100 NELSON AVE E***	***S 1/4 - 1/2 (0.438 mi.)***	***L49***	***179***
Cleanup Status: COMPLETED - CASE CLOSED				
BARR LUMBER CO., INC	***127 CALIFORNIA AVE N***	***SW 1/4 - 1/2 (0.481 mi.)***	***M56***	***205***
Cleanup Status: COMPLETED - CASE CLOSED				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 10 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOSCO S.S. #5432	***15135 AMAR RD E***	***E 1/4 - 1/2 (0.475 mi.)***	***54***	***190***
Reg Id: R-22097				
RANKIN OVERHEAD DOOR	***15150 E NELSON***	***S 1/4 - 1/2 (0.495 mi.)***	***58***	***210***
Reg Id: I-13219				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-1787	***603 SUNSET AVE N***	***WNW 1/8 - 1/4 (0.237 mi.)***	***C17***	***76***
Reg Id: R-05041				
Reg Id: 3016				
UNOCAL #5786	***551 SUNSET***	***WNW 1/4 - 1/2 (0.257 mi.)***	***C22***	***89***
Reg Id: I-05049				
LANE STANTON VANACE	***14710 NELSON AVE***	***WSW 1/4 - 1/2 (0.361 mi.)***	***F29***	***98***
Reg Id: R-15141				
SUNSET FUEL STOP (FO	322 SUNSET	W 1/4 - 1/2 (0.389 mi.)	I38	121
Reg Id: R-26360				
EDNA INC.	***15006 NELSON AVE***	***SSW 1/4 - 1/2 (0.393 mi.)***	***H40***	***126***
Reg Id: I-12595				
PUENTE READY MIX	***209 CALIFORNIA AVE N***	***SW 1/4 - 1/2 (0.429 mi.)***	***K46***	***134***
Reg Id: I-11901				
JK DIESEL REPAIR	***15100 NELSON AVE***	***S 1/4 - 1/2 (0.438 mi.)***	***L48***	***167***
Reg Id: I-03464				
BARR LUMBER CO., INC	***127 CALIFORNIA AVE N***	***SW 1/4 - 1/2 (0.481 mi.)***	***M56***	***205***
Reg Id: R-11356				

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 08/21/2020 has revealed that there are 4 Notify 65 sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HERTZ PENSKE TRUCK	14804 EAST VALLY BLV	SW 1/2 - 1 (0.562 mi.)	60	220
BENCHMARK TECHNOLOGY	200 TURNBULL CYN RD.	S 1/2 - 1 (0.793 mi.)	63	249
ACORN ENGINEERING CO	15125 PROCTOR AVENUE	SSW 1/2 - 1 (0.844 mi.)	64	249
PACTIV CORP.	***14505 PROCTOR AVE***	***WSW 1/2 - 1 (0.888 mi.)***	***65***	***250***

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.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

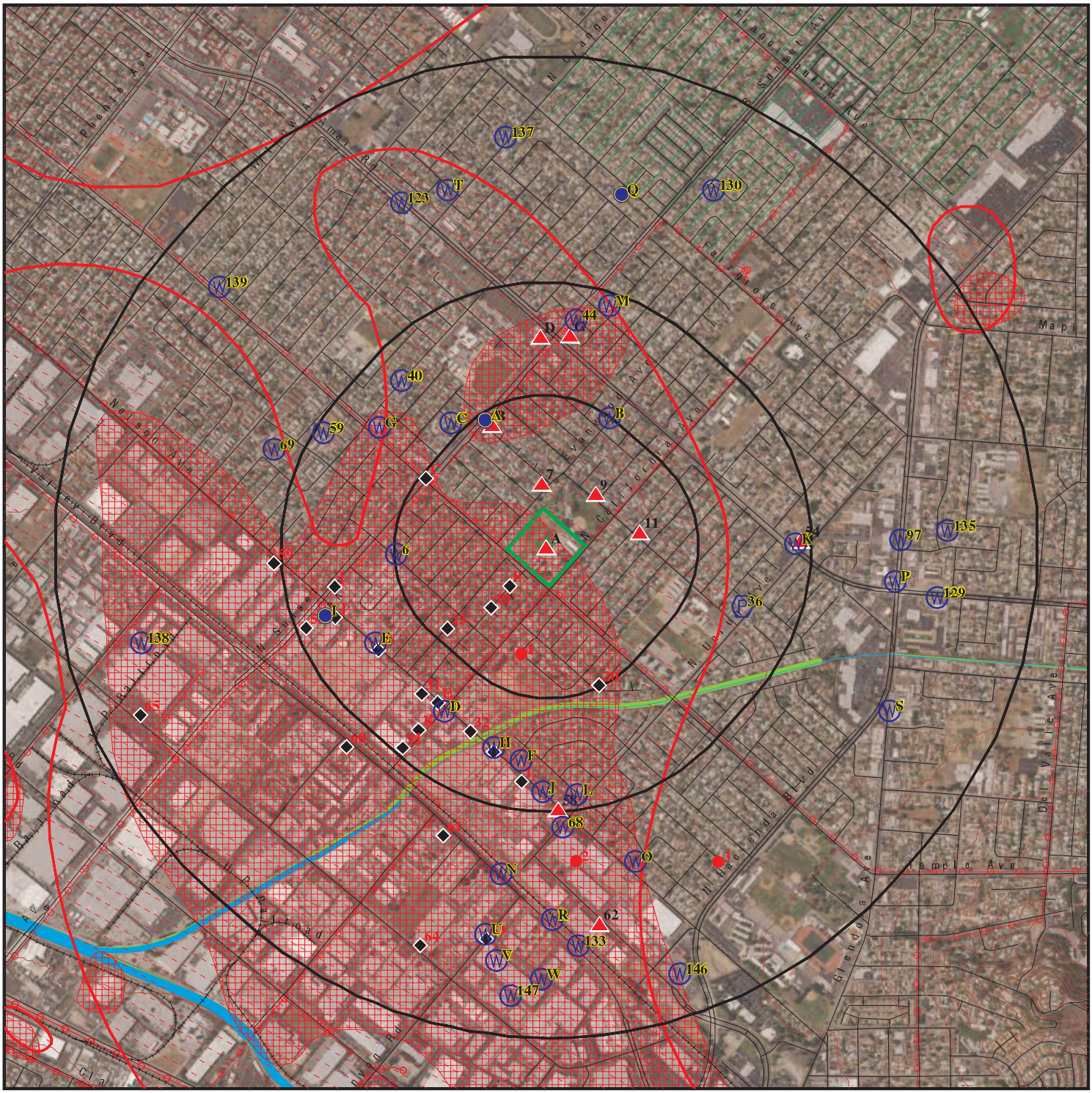
Lower Elevation	Address	Direction / Distance	Map ID	Page
CLAUDE S AUTO SERVIC	540 S GREENBERRY D	SW 0 - 1/8 (0.057 mi.)	8	58
SCOTT S SERVICE STAT	502 S GREENBERRY D	SW 0 - 1/8 (0.121 mi.)	10	61

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name	Database(s)
PREMIER METAL PRODUCTS	CPS-SLIC, HAZNET, HWTS CDL
PERFORMANCE AUTO	CPS-SLIC

OVERVIEW MAP - 6274397.2S



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:	045.05245_635 N California Ave	CLIENT:	EFI Global Inc.
ADDRESS:	635 North California Avenue LA Puente CA 91744	CONTACT:	Susana Corletto
LAT/LONG:	34.038563 / 117.963434	INQUIRY #:	6274397.2s
		DATE:	November 20, 2020 10:03 am

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DETAIL MAP - 6274397.2S



Target Property
Sites at elevations higher than or equal to the target property
Sites at elevations lower than the target property
Manufactured Gas Plants
Sensitive Receptors
National Priority List Sites
Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA
Power transmission lines
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:	045.05245_635 N California Ave	CLIENT:	EFI Global Inc.
ADDRESS:	635 North California Avenue LA Puente CA 91744	CONTACT:	Susana Corletto
LAT/LONG:	34.038563 / 117.963434	INQUIRY #:	6274397.2s
		DATE:	November 20, 2020 10:04 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000	1	0	0	0	1	NR	2
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500	1	0	0	1	NR	NR	2
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500	1	0	0	0	NR	NR	1
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	3	NR	3
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	1	16	NR	NR	17

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	19	NR	NR	19
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
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	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
AOCONCERN	1.000	1	0	0	0	0	NR	1
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		0	2	NR	NR	NR	2
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		3	5	NR	NR	NR	8
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000	1	0	0	0	1	NR	2
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP	1	NR	NR	NR	NR	NR	1
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP	1	NR	NR	NR	NR	NR	1
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1
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	1	15	NR	NR	16
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	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	1	NR	NR	NR	NR	NR	1
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	9	NR	NR	10
LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	4	NR	4
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	TP	6	NR	NR	NR	NR	NR	6
LOS ANGELES CO LF METHANE	0.500		0	0	0	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		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

- Totals --		16	5	12	60	9	0	102

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Areas of Concern Target Property **SAN GABRIEL VALLEY**
BALDWIN PARK, CA

AOCONCERN **CCA0000001** **N/A**

AOC:
Description: San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

NPL Region Target Property **SAN GABRIEL VALLEY (AREA 4)**
STIMSON AVE & OLD VALLEY BLVD
LA PUENTE, CA 91744

NPL **1000114960**
SEMS **CAD980817985**
US ENG CONTROLS
ROD
PRP
ICIS
FINDS
ECHO

NPL:
Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
City,State,Zip: LA PUENTE, CA 91744
EPA ID: CAD980817985
EPA Region: 9
Federal: N
Final Date: 1984-05-08 00:00:00
Site ID: 902091
Latitude: 34.016669
Site Score: 28.899999999999999
Longitude: -117.95829999999999

Category:
EPA ID: CAD980817985
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-<= 10 Feet
Category Value: 1

EPA ID: CAD980817985
NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Site:
EPA ID: CAD980817985
Site ID: 0902091
Site Status: F
Federal Site: N
EPA Region: 09
Date Proposed: 09/08/83
Date Deleted: Not reported
Date Finalized: 05/08/84

Substance:
EPA ID: CAD980817985
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Scoring: Not reported

EPA ID: CAD980817985
NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 4

EPA ID: CAD980817985
NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 4

Summary Details:

Conditions at listing September 1983): San Gabriel Valley Area 4) is a ground water plume that runs along the axis of the San Jose Creek in the San Gabriel ground water basin in La Puenta, Los Angeles County, California. The plume is about1 mile long and 1 mile wide. Ground water is contaminated with trichloroethylene TCE) and perchloroethylene PCE), according to analyses by State agencies and local water companies. Many public wells in the area exceed the EPA SuggestedNo Adverse Response Levels SNARL) for TCE and PCE. Approximately 100,000 people are affected. Cities and public water companies in the area have tested to ensure that their water supplies contain less than 5 parts per billion ppb) of TCE, alevel considered safe for human consumption. When alternative methods of reducing the TCE level below 5 ppb are not effective, wells are removed from service. Status June 1984):
A supplemental sampling program of contaminated wells will begin soon to get a snapshot view of the degree of contamination. The State Department of Health Services and EPA are preparing to initiate a remedial investigation/ feasibility study to determine the aerial and vertical extent of contamination and to develop alternatives for treatment and management of the problem. EPA continues its investigation to identify sources of the contamination. This site, along with the three other San Gabriel Valley sites, was added tothe NPL in May 1984 because it involves a serious problem that required taking immediate remedial action.

Site Status:
EPA ID: CAD980817985
NPL Status: Final
Proposed Date: 09/08/1983
Final Date: 05/08/1984
Deleted Date: Not reported

Narratives:
EPA ID: CAD980817985
NPL Name: SAN GABRIEL VALLEY (AREA 4)

SEMS:
Site ID: 0902091

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

EPA ID: CAD980817985
Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Address 2: Not reported
City,State,Zip: LA PUENTE, CA 91744
Cong District: 32,34
FIPS Code: 06037
Latitude: 34.016669
Longitude: -117.958300
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 09
Site ID: 0902091
EPA ID: CAD980817985
Site Name: SAN GABRIEL VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 2
Start Date: 2011-10-01 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902091
EPA ID: CAD980817985
Site Name: SAN GABRIEL VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 2000-07-24 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902091
EPA ID: CAD980817985
Site Name: SAN GABRIEL VALLEY (AREA 4)
NPL: F
FF: N
OU: 04
Action Code: RD
Action Name: RD
SEQ: 1
Start Date: 2001-09-27 04:00:00
Finish Date: 7/25/2005 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	1
Start Date:	2011-03-02 05:00:00
Finish Date:	3/2/2011 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	2006-06-23 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	2
Start Date:	2010-10-07 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	3
Start Date:	2011-12-22 05:00:00
Finish Date:	Not reported

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	2
Start Date:	2016-01-27 05:00:00
Finish Date:	9/29/2016 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	01
Action Code:	ED
Action Name:	R/H ASMT
SEQ:	1
Start Date:	1992-09-16 04:00:00
Finish Date:	9/16/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	01
Action Code:	CO
Action Name:	RI/FS
SEQ:	1
Start Date:	1996-12-20 05:00:00
Finish Date:	9/30/1998 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

SEQ: 1
Start Date: 1984-05-08 05:00:00
Finish Date: 5/8/1984 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902091
EPA ID: CAD980817985
Site Name: SAN GABRIEL VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 2
Start Date: 1983-03-01 05:00:00
Finish Date: 9/1/1983 4:00:00 AM
Qual: H
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902091
EPA ID: CAD980817985
Site Name: SAN GABRIEL VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 1984-05-01 05:00:00
Finish Date: 10/28/2008 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902091
EPA ID: CAD980817985
Site Name: SAN GABRIEL VALLEY (AREA 4)
NPL: F
FF: N
OU: 04
Action Code: TA
Action Name: TECH ASSIST
SEQ: 1
Start Date: 2017-07-27 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902091
EPA ID: CAD980817985
Site Name: SAN GABRIEL VALLEY (AREA 4)
NPL: F
FF: N

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1983-09-01 04:00:00
Finish Date:	9/1/1983 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1998-09-30 04:00:00
Finish Date:	9/30/1998 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	1991-12-27 05:00:00
Finish Date:	12/27/1991 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	01
Action Code:	JF
Action Name:	ECO RISK
SEQ:	1
Start Date:	1992-09-16 04:00:00
Finish Date:	9/16/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902091
EPA ID:	CAD980817985

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1983-09-08 04:00:00
Finish Date:	9/8/1983 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	00
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	1983-09-01 04:00:00
Finish Date:	9/1/1983 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	4
Start Date:	2011-12-22 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	5
Start Date:	2011-12-31 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	2
Start Date:	2018-08-07 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	08
Action Code:	NA
Action Name:	PRP RI
SEQ:	1
Start Date:	2015-03-12 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	St Ovrsght

Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	01
Action Code:	BE
Action Name:	PRP RD
SEQ:	1
Start Date:	2002-03-29 05:00:00
Finish Date:	7/21/2009 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	04
Action Code:	BE
Action Name:	PRP RD
SEQ:	2
Start Date:	2005-07-25 04:00:00
Finish Date:	7/25/2005 4:00:00 AM

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	01
Action Code:	BD
Action Name:	PRP RI/FS
SEQ:	1
Start Date:	1993-09-30 04:00:00
Finish Date:	12/20/1996 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	04
Action Code:	BF
Action Name:	PRP RA
SEQ:	2
Start Date:	2006-02-27 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	06
Action Code:	BE
Action Name:	PRP RD
SEQ:	4
Start Date:	2011-09-26 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902091
EPA ID:	CAD980817985
Site Name:	SAN GABRIEL VALLEY (AREA 4)
NPL:	F
FF:	N
OU:	01
Action Code:	BF
Action Name:	PRP RA

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

SEQ: 1
Start Date: 2009-07-21 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902091
EPA ID: CAD980817985
Site Name: SAN GABRIEL VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-04-01 05:00:00
Finish Date: 4/1/1980 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902091
EPA ID: CAD980817985
Site Name: SAN GABRIEL VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1983-03-01 05:00:00
Finish Date: 9/1/1983 4:00:00 AM
Qual: H
Current Action Lead: St Perf

SIte:
Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Address 2: Not reported
City,State,Zip: LA PUENTE, CA 91744
Event Code: Not reported
Action Taken Date: 06/14/2005
EPA ID: CAD980817985
Action Name: Explanation of Significant Differences
Action ID: 1
Operable Unit: 01
Contaminated Media: Groundwater
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.016669

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Longitude: -117.958300

Media:

EPA ID: CAD980817985
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/30/1998
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1998
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.016669
Longitude: -117.958300

EPA ID: CAD980817985
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Explanation of Significant Differences
Action Taken Date: 06/14/2005
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.016669
Longitude: -117.958300

EPA ID: CAD980817985
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Explanation of Significant Differences
Action Taken Date: 06/14/2005
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.016669
Longitude: -117.958300

EPA ID: CAD980817985
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Action Name:	Explanation of Significant Differences
Action Taken Date:	06/14/2005
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2005
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.016669
Longitude:	-117.958300

EPA ID:	CAD980817985
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Explanation of Significant Differences
Action Taken Date:	06/14/2005
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2005
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.016669
Longitude:	-117.958300

EPA ID:	CAD980817985
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1998
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1998
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.016669
Longitude:	-117.958300

EPA ID:	CAD980817985
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1998
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Federal Facility:	N
Fiscal Year:	1998
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.016669
Longitude:	-117.958300

EPA ID:	CAD980817985
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1998
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1998
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.016669
Longitude:	-117.958300

EPA ID:	CAD980817985
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1998
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1998
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.016669
Longitude:	-117.958300

EPA ID:	CAD980817985
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1998
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1998
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.016669
Longitude:	-117.958300

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

EPA ID: CAD980817985
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/30/1998
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1998
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.016669
Longitude: -117.958300

EPA ID: CAD980817985
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/30/1998
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1998
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.016669
Longitude: -117.958300

ROD:
Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
City,State,Zip: LA PUENTE, CA 91744
EPA ID: CAD980817985
RG: 9
Site ID: 902091
Action: GOVT Decision Document (ROD)
Operable Unit Number: CD, RD/RA INTERMEDIATE ZONE
SEQ ID: 1
Action Completion: 1998-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
City,State,Zip: LA PUENTE, CA 91744
EPA ID: CAD980817985
RG: 9
Site ID: 902091
Action: GOVT ESD
Operable Unit Number: CD, RD/RA INTERMEDIATE ZONE

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

SEQ ID: 1
Action Completion: 2005-06-14 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP:
PRP Name: A & J SYSTEMS
A&E PLASTICS CO.
A-1 ORNAMENTAL IRON
ACORN ENGINEERING CO.
ACORN ENGINEERING CO.
ACORN ENGINEERING CO.
ACROMIL
ADAMS AND COLTRIN, INC.
ADAMS CAMPBELL CO., LTD.
ADAMS CAMPBELL CO., LTD.
ADVANCED HEAT TECHNOLOGY CORP.
AEROJET ELECTROSYSTEMS
AEROJET-GENERAL CORP.
AEROSOL SERVICES CO.
AEROSOL SERVICES CO.
AEROSOL SERVICES COMPANY
AEROSOL SERVICES COMPANY
AEROSOL SERVICES COMPANY
AIR DISTRIBUTION PRODUCTS, INC.
ALLFAST FASTENING SYSTEMS, INC.
ALLIED PHOTO PRODUCTS INC.
ALLSTATE INSURANCE CO.
AMERICAN SHEDS INC.
APPLIED SOLAR ENERGY CORP.
ARCADIA MACHINE AND TOOL
AREMAC ASSOCIATES
AREMAC HEAT TREATING,INC.
ARTHUR B. SCHULTZ AND JOSEPH POLTORAK
ARTISTIC POLISHING AND PLATING
ASHLAND CHEMICAL COMPANY
ASSOCIATED ASPHALT PAVING MATERIALS
ASTRO SEAL, INC.
ASTRO SEAL, INC.
ASTRONAUTIC ENAMELERS
AZUSA LAND RECLAMATION
AZUSA ROCK INC.
B&B RED-I-MIX-CONCRETE INC.
B.W. BIXLER & PRISCILLA M. BIXLER
BALL-ICON, BALL GLASS DIV.
BDP CO.
BDP CO.
BDP CO.
BECKER MFG. CO. INC.
BECKER MFG. CO., INC.
BENCHMARK HOLDING GROUP
BENCHMARK TECHNOLOGY
BENTLY PRINCE STREET, INC.
BESTEEL
BIRTCHER
BIRTCHER DEVELOPMENT-CITY OF IND. REDEVELOPMENT
BRENT FAMILY TRUST

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

BROWN JORDEN CO.
C&H DISTRIBUTING
CAL MAT CO.
CAL MOLD, INC
CALGON VESTAL LABORATORIES
CALIFORNIA HYDROFORMING CO., INC.
CALIFORNIA HYDROFORMING CO., INC.
CALIFORNIA STEEL AND TUBE
CALIFORNIA STEEL AND TUBE

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ICIS:

Enforcement Action ID:	09-2013-2520
FRS ID:	110009267907
Action Name:	LeVan Specialty Company, Inc Consent Decree
Facility Name:	SAN GABRIEL VALLEY (AREA 4)
Facility Address:	STIMSON AVE & OLD VALLEY BLVD LA PUENTE, CA 91744
Enforcement Action Type:	Civil Judicial Action
Facility County:	LOS ANGELES
Program System Acronym:	CERCLIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.01666
Longitude in Decimal Degrees:	-117.9583
Permit Type Desc:	Not reported
Program System Acronym:	CAD980817985
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2013-2519
FRS ID:	110009267907
Action Name:	John D. Williams, Trustee of the Julia A. Fisher Living Trust Consent Decree
Facility Name:	SAN GABRIEL VALLEY (AREA 4)
Facility Address:	STIMSON AVE & OLD VALLEY BLVD LA PUENTE, CA 91744
Enforcement Action Type:	Civil Judicial Action
Facility County:	LOS ANGELES
Program System Acronym:	CERCLIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.01666
Longitude in Decimal Degrees:	-117.9583
Permit Type Desc:	Not reported
Program System Acronym:	CAD980817985
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2013-2513
FRS ID:	110009267907

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Action Name:	Bentley Prince Street, Inc.
Facility Name:	SAN GABRIEL VALLEY (AREA 4)
Facility Address:	STIMSON AVE & OLD VALLEY BLVD LA PUENTE, CA 91744
Enforcement Action Type:	Civil Judicial Action
Facility County:	LOS ANGELES
Program System Acronym:	CERCLIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.01666
Longitude in Decimal Degrees:	-117.9583
Permit Type Desc:	Not reported
Program System Acronym:	CAD980817985
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2012-2506
FRS ID:	110009267907
Action Name:	Mancino Trust Litigation, Puente Valley Superfund Site
Facility Name:	SAN GABRIEL VALLEY (AREA 4)
Facility Address:	STIMSON AVE & OLD VALLEY BLVD LA PUENTE, CA 91744
Enforcement Action Type:	Civil Judicial Action
Facility County:	LOS ANGELES
Program System Acronym:	CERCLIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.01666
Longitude in Decimal Degrees:	-117.9583
Permit Type Desc:	Not reported
Program System Acronym:	CAD980817985
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2011-2517
FRS ID:	110009267907
Action Name:	Puente Valley OU Unilateral Admin Order for RD/RA
Facility Name:	SAN GABRIEL VALLEY (AREA 4)
Facility Address:	STIMSON AVE & OLD VALLEY BLVD LA PUENTE, CA 91744
Enforcement Action Type:	CERCLA 106 AO For Resp Action/Imm Haz
Facility County:	LOS ANGELES
Program System Acronym:	CERCLIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	106
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.01666
Longitude in Decimal Degrees:	-117.9583
Permit Type Desc:	Not reported
Program System Acronym:	CAD980817985
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Enforcement Action ID:	09-2009-2529
FRS ID:	110009267907
Action Name:	Puente Valley OU Access Order to Los Angeles County
Facility Name:	SAN GABRIEL VALLEY (AREA 4)
Facility Address:	STIMSON AVE & OLD VALLEY BLVD LA PUENTE, CA 91744
Enforcement Action Type:	CERCLA 104E5A AO For Access And/Or Info
Facility County:	LOS ANGELES
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	104E5A
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.01666
Longitude in Decimal Degrees:	-117.9583
Permit Type Desc:	Not reported
Program System Acronym:	1655794
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2008-2531
FRS ID:	110009267907
Action Name:	Puente Valley Site, Valley Proctor CD for Cost Recovery
Facility Name:	SAN GABRIEL VALLEY (AREA 4)
Facility Address:	STIMSON AVE & OLD VALLEY BLVD LA PUENTE, CA 91744
Enforcement Action Type:	Civil Judicial Action
Facility County:	LOS ANGELES
Program System Acronym:	CERCLIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.01666
Longitude in Decimal Degrees:	-117.9583
Permit Type Desc:	Not reported
Program System Acronym:	CAD980817985
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2008-2506
FRS ID:	110009267907
Action Name:	Puente Valley CD w/ Northrup Grumman for RD/RA and Cost Recovery
Facility Name:	SAN GABRIEL VALLEY (AREA 4)
Facility Address:	STIMSON AVE & OLD VALLEY BLVD LA PUENTE, CA 91744
Enforcement Action Type:	Civil Judicial Action
Facility County:	LOS ANGELES
Program System Acronym:	CERCLIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.01666
Longitude in Decimal Degrees:	-117.9583
Permit Type Desc:	Not reported
Program System Acronym:	CAD980817985

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2007-0141
FRS ID: 110009267907
Action Name: San Gabriel Area 4 / Puente Valley (Creftcon et al.)
Facility Name: SAN GABRIEL VALLEY (AREA 4)
Facility Address: STIMSON AVE & OLD VALLEY BLVD
LA PUENTE, CA 91744
Enforcement Action Type: Civil Judicial Action
Facility County: LOS ANGELES
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.01666
Longitude in Decimal Degrees: -117.9583
Permit Type Desc: Not reported
Program System Acronym: CAD980817985
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2007-0127
FRS ID: 110009267907
Action Name: San Gabriel Area 4 / Puente Valley (Teledyne)
Facility Name: SAN GABRIEL VALLEY (AREA 4)
Facility Address: STIMSON AVE & OLD VALLEY BLVD
LA PUENTE, CA 91744
Enforcement Action Type: Civil Judicial Action
Facility County: LOS ANGELES
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.01666
Longitude in Decimal Degrees: -117.9583
Permit Type Desc: Not reported
Program System Acronym: CAD980817985
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2006-0264
FRS ID: 110009267907
Action Name: San Gabriel Area 4 / Puente Valley (Saint Gobain)
Facility Name: SAN GABRIEL VALLEY (AREA 4)
Facility Address: STIMSON AVE & OLD VALLEY BLVD
LA PUENTE, CA 91744
Enforcement Action Type: Civil Judicial Action
Facility County: LOS ANGELES
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.01666

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Longitude in Decimal Degrees: -117.9583
Permit Type Desc: Not reported
Program System Acronym: 1655794
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2005-0030
FRS ID: 110009267907
Action Name: San Gabriel - Saltire Industrial (National Case) (Bankruptcy)
Facility Name: SAN GABRIEL VALLEY (AREA 4)
Facility Address: STIMSON AVE & OLD VALLEY BLVD
LA PUENTE, CA 91744
Enforcement Action Type: Bankruptcy
Facility County: LOS ANGELES
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: BNK
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.01666
Longitude in Decimal Degrees: -117.9583
Permit Type Desc: Not reported
Program System Acronym: 1655794
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2003-0101
FRS ID: 110009267907
Action Name: San Gabriel / Puente Valley OU
Facility Name: SAN GABRIEL VALLEY (AREA 4)
Facility Address: STIMSON AVE & OLD VALLEY BLVD
LA PUENTE, CA 91744
Enforcement Action Type: Civil Judicial Action
Facility County: LOS ANGELES
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.01666
Longitude in Decimal Degrees: -117.9583
Permit Type Desc: Not reported
Program System Acronym: 1655794
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2003-0050
FRS ID: 110009267907
Action Name: Exide Technologies Bankruptcy (NC)
Facility Name: SAN GABRIEL VALLEY (AREA 4)
Facility Address: STIMSON AVE & OLD VALLEY BLVD
LA PUENTE, CA 91744
Enforcement Action Type: Bankruptcy
Facility County: LOS ANGELES
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: BNK

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.01666
Longitude in Decimal Degrees:	-117.9583
Permit Type Desc:	Not reported
Program System Acronym:	1655794
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2002-0035
FRS ID:	110009267907
Action Name:	San Gabriel / Puente Valley
Facility Name:	SAN GABRIEL VALLEY (AREA 4)
Facility Address:	STIMSON AVE & OLD VALLEY BLVD LA PUENTE, CA 91744
Enforcement Action Type:	CERCLA 106 AO For Resp Action/Imm Haz
Facility County:	LOS ANGELES
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	106
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.01666
Longitude in Decimal Degrees:	-117.9583
Permit Type Desc:	Not reported
Program System Acronym:	1655794
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	SAN GABRIEL VALLEY (AREA 4)
Address:	STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	SAN GABRIEL VALLEY (AREA 4)
Address:	STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	SAN GABRIEL VALLEY (AREA 4)
Address:	STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	SAN GABRIEL VALLEY (AREA 4)
Address:	STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N

SAN GABRIEL VALLEY (AREA 4) (Continued) **1000114960**

Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:
Registry ID: 110009267907

Click Here:

Environmental Interest/Information System:
SUPERFUND NPL
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000114960
Registry ID: 110009267907
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009267907
Name: SAN GABRIEL VALLEY (AREA 4)
Address: STIMSON AVE & OLD VALLEY BLVD
City,State,Zip: LA PUENTE, CA 91744

A1 **TEMPLE ACADEMY** **HWTS** **S124643134**
Target **635 N CALIFORNIA AVE** **N/A**
Property **LA PUENTE, CA 91744**

Site 1 of 6 in cluster A

Actual:
315 ft.

HWTS:
Name: TEMPLE ACADEMY
Address: 635 N CALIFORNIA AVE
Address 2: Not reported
City,State,Zip: LA PUENTE, CA 91744
EPA ID: CAC002859622
Inactive Date: 08/05/2016
Create Date: 05/05/2016

TEMPLE ACADEMY (Continued) **S124643134**

Last Act Date:	08/05/2016
Mailing Name:	Not reported
Mailing Address:	350 N HACIENDA BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	LA PUENTE, CA 91744
Owner Name:	MARK HANSBERGER
Owner Address:	350 N HACIENDA BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	LA PUENTE, CA 91744
Contact Name:	MARK HANSBERGER
Contact Address:	350 N HACIENDA BLVD
Contact Address 2:	Not reported
City,State,Zip:	LA PUENTE, CA 91744

NAICS:

EPA ID:	CAC002859622
Create Date:	2016-05-05 08:36:59.570
NAICS Code:	56291
NAICS Description:	Remediation Services
Issued EPA ID Date:	2016-05-05 08:36:59.57000
Inactive Date:	2016-08-05 03:00:23.87300
Facility Name:	TEMPLE ACADEMY
Facility Address:	635 N CALIFORNIA AVE
Facility Address 2:	Not reported
Facility City:	LA PUENTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91744

A2 **HACIENDA LA PUENTE USD TEMPLE ACADEMY** **HWTS** **S124593153**
Target **635 CALIFORNIA AVE** **N/A**
Property **LA PUENTE, CA 91744**

Site 2 of 6 in cluster A

Actual:
315 ft.

HWTS:

Name:	HACIENDA LA PUENTE USD TEMPLE ACADEMY
Address:	635 CALIFORNIA AVE
Address 2:	Not reported
City,State,Zip:	LA PUENTE, CA 91744
EPA ID:	CAC002618027
Inactive Date:	12/18/2007
Create Date:	06/20/2007
Last Act Date:	01/15/2008
Mailing Name:	Not reported
Mailing Address:	15959 E GALE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CITY OF INDUSTRY, CA 91745
Owner Name:	HACIENDA LA PUENTE USD
Owner Address:	15959 E GALE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	CITY OF INDUSTRY, CA 91745
Contact Name:	DIANNE BERRY/OFF ASSIST
Contact Address:	15959 E GALE AVE
Contact Address 2:	Not reported
City,State,Zip:	CITY OF INDUSTRY, CA 91745

A3 Target Property **HACIENDA LA PUENTE USD**
635 N CALIFORNIA AVE
LA PUENTE, CA 91744

HAZNET **S118207177**
HWTS **N/A**

Site 3 of 6 in cluster A

Actual: 315 ft.

HAZNET:

Name:	HACIENDA LA PUENTE USD
Address:	635 N CALIFORNIA AVE
Address 2:	Not reported
City,State,Zip:	LA PUENTE, CA 917442602
Contact:	MARK HANSBERGER
Telephone:	6269338701
Mailing Name:	Not reported
Mailing Address:	350 N HACIENDA BLVD
Year:	2014
Gepaid:	CAC002767241
TSD EPA ID:	CAD009007626
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	3.2

Additional Info:

Year:	2014
Gen EPA ID:	CAC002767241
Shipment Date:	20140616
Creation Date:	8/18/2014 22:15:10
Receipt Date:	20140619
Manifest ID:	007498972JJK
Trans EPA ID:	CAR000049064
Trans Name:	ECTI
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009007626
Trans Name:	AZUSA LAND RECLAMATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	3.2
Waste Quantity:	8
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	HACIENDA LA PUENTE USD
Address:	635 N CALIFORNIA AVE
Address 2:	Not reported

HACIENDA LA PUENTE USD (Continued) **S118207177**

City,State,Zip:	LA PUENTE, CA 917442602
EPA ID:	CAC002767241
Inactive Date:	07/10/2014
Create Date:	04/10/2014
Last Act Date:	07/11/2014
Mailing Name:	Not reported
Mailing Address:	350 N HACIENDA BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	LA PUENTE, CA 91744
Owner Name:	MARK HANSBERGER
Owner Address:	350 N HACIENDA BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	LA PUENTE, CA 91744
Contact Name:	MARK HANSBERGER
Contact Address:	350 N HACIENDA BLVD
Contact Address 2:	Not reported
City,State,Zip:	LA PUENTE, CA 91744

NAICS:

EPA ID:	CAC002767241
Create Date:	2014-04-10 11:52:43.547
NAICS Code:	56291
NAICS Description:	Remediation Services
Issued EPA ID Date:	2014-04-10 11:52:43.55000
Inactive Date:	2014-07-10 11:52:43.54700
Facility Name:	HACIENDA LA PUENTE USD
Facility Address:	635 N CALIFORNIA AVE
Facility Address 2:	Not reported
Facility City:	LA PUENTE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917442602

A4 **HACIENDA LA PUENTE USD - TEMPLE** **HWTS** **S124639505**
Target **635 N CALIFORNIA AVE** **N/A**
Property **LA PUENTE, CA 91744**

Site 4 of 6 in cluster A

Actual:
315 ft.

HWTS:

Name:	HACIENDA LA PUENTE USD - TEMPLE
Address:	635 N CALIFORNIA AVE
Address 2:	Not reported
City,State,Zip:	LA PUENTE, CA 917442602
EPA ID:	CAC002840150
Inactive Date:	03/05/2016
Create Date:	12/04/2015
Last Act Date:	03/05/2016
Mailing Name:	Not reported
Mailing Address:	350 N. HACIENDA BLVD.
Mailing Address 2:	Not reported
Mailing City,State,Zip:	LA PUENTE, CA 91744
Owner Name:	HACIENDA LA PUENTE USD
Owner Address:	350 N. HACIENDA BLVD.
Owner Address 2:	Not reported
Owner City,State,Zip:	LA PUENTE, CA 91744
Contact Name:	MARK HANSBERGER - HLPUSD

HACIENDA LA PUENTE USD - TEMPLE (Continued) **S124639505**

Contact Address:	350 N. HACIENDA BLVD.
Contact Address 2:	Not reported
City,State,Zip:	LA PUENTE, CA 91744

A5 **TEMPLE ACADEMY** **HWTS** **S124567102**
Target **635 CALIFORNIA AVE** **N/A**
Property **LA PUENTE, CA 91744**

Site 5 of 6 in cluster A

Actual: **315 ft.**

HWTS:

Name:	TEMPLE ACADEMY
Address:	635 CALIFORNIA AVE
Address 2:	Not reported
City,State,Zip:	LA PUENTE, CA 917440000
EPA ID:	CAC002343055
Inactive Date:	09/11/2001
Create Date:	11/17/2000
Last Act Date:	09/11/2001
Mailing Name:	Not reported
Mailing Address:	PO BOX 60002
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CITY OF INDUSTRY, CA 917160002
Owner Name:	HACIENDA LA PUENTE SCHOOL DIST
Owner Address:	PO BOX 60002
Owner Address 2:	Not reported
Owner City,State,Zip:	CITY OF INDUSTRY, CA 917160002
Contact Name:	SANDRA HOBBS
Contact Address:	PO BOX 60002
Contact Address 2:	Not reported
City,State,Zip:	CITY OF INDUSTRY, CA 917160002

A6 **HLPUSD TEMPLE ACADEMY** **HWTS** **S124576856**
Target **635 CALIFORNIA AVE** **N/A**
Property **LA PUENTE, CA 91744**

Site 6 of 6 in cluster A

Actual: **315 ft.**

HWTS:

Name:	HLPUSD TEMPLE ACADEMY
Address:	635 CALIFORNIA AVE
Address 2:	Not reported
City,State,Zip:	LA PUENTE, CA 917440000
EPA ID:	CAC002569216
Inactive Date:	06/22/2004
Create Date:	08/21/2003
Last Act Date:	08/21/2003
Mailing Name:	Not reported
Mailing Address:	PO BOX 60002
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CITY OF INDUSTRY, CA 917160002
Owner Name:	HACIENDA LA PUENTE SCHOOL DIST
Owner Address:	PO BOX 60002
Owner Address 2:	Not reported
Owner City,State,Zip:	CITY OF INDUSTRY, CA 917160002
Contact Name:	SANDRA HOBBS

HLPUSD TEMPLE ACADEMY (Continued) **S124576856**

Contact Address: PO BOX 60002
Contact Address 2: Not reported
City,State,Zip: CITY OF INDUSTRY, CA 917160002

NPL Region NNW 1/2-1 5240 ft.

SAN GABRIEL VALLEY AREA 2
SUNSET & SAN BERNARDINO FRWY
BALDWIN PARK, CA 91706

NPL **1000114961**
SEMS **CAD980818512**
US ENG CONTROLS
RCRA NonGen / NLR
ROD
PRP

NPL:
Name: SAN GABRIEL VALLEY (AREA 2)
Address: SUNSET & SAN BERNARDINO FREEWAY
City,State,Zip: BALDWIN PARK, CA 91706
EPA ID: CAD980818512
EPA Region: 9
Federal: N
Final Date: 1984-05-08 00:00:00
Site ID: 902092
Latitude: 34.073611
Site Score: 42.240000000000002
Longitude: -117.9361

Category:
EPA ID: CAD980818512
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-<= 10 Feet
Category Value: 1

EPA ID: CAD980818512
NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Site:
EPA ID: CAD980818512
Site ID: 0902092
Site Status: F
Federal Site: N
EPA Region: 09
Date Proposed: 09/08/83
Date Deleted: Not reported
Date Finalized: 05/08/84

Substance:
EPA ID: CAD980818512
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

EPA ID: CAD980818512
NPL Status: Currently on the Final NPL
Substance ID: U210

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

EPA ID: CAD980818512
NPL Status: Currently on the Final NPL
Substance ID: U211
Substance: CARBON TETRACHLORIDE
CAS #: 56-23-5
Pathway: GROUND WATER PATHWAY
Scoring: 4

EPA ID: CAD980818512
NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at listing September 1983): San Gabriel Valley Area 2) is a ground water plume that parallels the San Gabriel River to the west in the San Gabriel ground water basin in the Baldwin Park area of Los Angeles County, California. The plume is about 7.5 miles long and 1.5 miles wide. Ground water is contaminated with trichloroethylene TCE), perchloroethylene PCE), and carbon tetrachloride, according to analyses by State agencies and local water companies. Many public wells in the area exceed the EPA Suggested No Adverse Response Levels SNARL) for TCE and PCE. Approximately 100,000 people are affected. Cities and public water companies in the area have tested to ensure that their water supplies containless than 5 parts per billion ppb) of TCE, a level considered safe for human consumption. When alternative methods of reducing the TCE level below 5 ppb are not effective, wells are removed from service. Status June 1984): A supplemental sampling program of contaminated wells will begin soon to get a snapshot view of the degree of contamination. The State Department of Health Services and EPA are preparing to initiate a remedial investigation/ feasibility study to determine the aerial and vertical extent of contamination and to develop alternatives for treatment and management of the problem. EPA continues its investigation to identify sources of the contamination. This site, along with the threeother San Gabriel Valley sites, was added to the NPL in May 1984 because it involves a serious problem that required taking immediate remedial action.

Site Status:
EPA ID: CAD980818512
NPL Status: Final
Proposed Date: 09/08/1983
Final Date: 05/08/1984
Deleted Date: Not reported

Narratives:
EPA ID: CAD980818512
NPL Name: SAN GABRIEL VALLEY (AREA 2)

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

SEMS:
Site ID: 0902092
EPA ID: CAD980818512
Name: SAN GABRIEL VALLEY (AREA 2)
Address: SUNSET & SAN BERNARDINO FREEWAY
Address 2: Not reported
City,State,Zip: BALDWIN PARK, CA 91706
Cong District: 28,31,32,34
FIPS Code: 06037
Latitude: 34.073611
Longitude: -117.936100
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 1983-09-01 04:00:00
Finish Date: 9/1/1983 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 01
Action Code: RO
Action Name: ROD
SEQ: 1
Start Date: 1994-03-31 05:00:00
Finish Date: 3/31/1994 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1983-03-01 05:00:00

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Finish Date:	9/1/1983 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1984-05-08 05:00:00
Finish Date:	5/8/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1983-09-08 04:00:00
Finish Date:	9/8/1983 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1
Start Date:	2001-04-03 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	AR

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Action Name:	ADMIN REC
SEQ:	1
Start Date:	2000-07-18 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	01
Action Code:	JF
Action Name:	ECO RISK
SEQ:	1
Start Date:	1992-09-16 04:00:00
Finish Date:	9/16/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	2006-06-23 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	2
Start Date:	2012-09-24 05:00:00
Finish Date:	9/24/2012 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1983-09-01 04:00:00
Finish Date:	9/1/1983 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	1991-12-27 05:00:00
Finish Date:	12/27/1991 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	01
Action Code:	ED
Action Name:	R/H ASMT
SEQ:	1
Start Date:	1992-09-16 04:00:00
Finish Date:	9/16/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	3
Start Date:	2016-10-31 04:00:00
Finish Date:	8/17/2017 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902092

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	1
Start Date:	2007-05-01 04:00:00
Finish Date:	9/27/2007 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	1
Start Date:	1984-05-01 05:00:00
Finish Date:	5/1/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	01
Action Code:	CO
Action Name:	RI/FS
SEQ:	1
Start Date:	1987-08-01 04:00:00
Finish Date:	3/31/1994 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	3
Start Date:	1984-05-01 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	04
Action Code:	BE
Action Name:	PRP RD
SEQ:	4
Start Date:	2000-07-21 04:00:00
Finish Date:	8/8/2003 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	04
Action Code:	BF
Action Name:	PRP RA
SEQ:	4
Start Date:	2003-08-08 04:00:00
Finish Date:	3/31/2005 5:00:00 AM
Qual:	IR
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	02
Action Code:	BF
Action Name:	PRP RA
SEQ:	2
Start Date:	2002-09-26 04:00:00
Finish Date:	9/30/2003 4:00:00 AM
Qual:	IR
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	03
Action Code:	BE
Action Name:	PRP RD
SEQ:	3
Start Date:	2000-07-21 04:00:00
Finish Date:	3/31/2003 5:00:00 AM

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	03
Action Code:	BF
Action Name:	PRP RA
SEQ:	3
Start Date:	2003-03-31 05:00:00
Finish Date:	9/30/2004 4:00:00 AM
Qual:	IR
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	05
Action Code:	BE
Action Name:	PRP RD
SEQ:	5
Start Date:	2000-07-21 04:00:00
Finish Date:	9/29/2004 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	05
Action Code:	BF
Action Name:	PRP RA
SEQ:	5
Start Date:	2004-09-29 04:00:00
Finish Date:	9/28/2006 4:00:00 AM
Qual:	IR
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	02
Action Code:	BE
Action Name:	PRP RD

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

SEQ: 2
Start Date: 2000-07-21 04:00:00
Finish Date: 9/26/2002 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 01
Action Code: ME
Action Name: PRP LR
SEQ: 1
Start Date: 2003-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 01
Action Code: OM
Action Name: OM
SEQ: 1
Start Date: 2003-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N
OU: 02
Action Code: OM
Action Name: OM
SEQ: 2
Start Date: 2003-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902092
EPA ID: CAD980818512
Site Name: SAN GABRIEL VALLEY (AREA 2)
NPL: F
FF: N

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

OU:	03
Action Code:	OM
Action Name:	OM
SEQ:	3
Start Date:	2004-09-30 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	04
Action Code:	OM
Action Name:	OM
SEQ:	4
Start Date:	2005-03-31 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	05
Action Code:	OM
Action Name:	OM
SEQ:	5
Start Date:	2006-09-28 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902092
EPA ID:	CAD980818512
Site Name:	SAN GABRIEL VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-04-01 05:00:00
Finish Date:	4/1/1980 5:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf

SIte:
Name: SAN GABRIEL VALLEY (AREA 2)

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Address:	SUNSET & SAN BERNARDINO FREEWAY
Address 2:	Not reported
City,State,Zip:	BALDWIN PARK, CA 91706
Event Code:	Not reported
Action Taken Date:	03/31/1994
EPA ID:	CAD980818512
Action Name:	Record of Decision
Action ID:	1
Operable Unit:	01
Contaminated Media:	Groundwater
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.073611
Longitude:	-117.936100

Media:

EPA ID:	CAD980818512
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	03/31/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.073611
Longitude:	-117.936100

EPA ID:	CAD980818512
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	03/31/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.073611
Longitude:	-117.936100

EPA ID:	CAD980818512
Contaminated Media:	Groundwater
Action ID:	1

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	03/31/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.073611
Longitude:	-117.936100

EPA ID:	CAD980818512
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	03/31/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.073611
Longitude:	-117.936100

EPA ID:	CAD980818512
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	03/31/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.073611
Longitude:	-117.936100

RCRA NonGen / NLR:

Date Form Received by Agency:	2015-05-21 00:00:00.0
Handler Name:	SAN GABRIEL VALLEY AREA 2
Handler Address:	SUNSET & SAN BERNARDINO FRWY
Handler City,State,Zip:	BALDWIN PARK, CA 91706
EPA ID:	CAD980818512
Contact Name:	VICTOR A MONTIEL
Contact Address:	SUNSET & SAN BERNARDINO FRWY

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Contact City,State,Zip:	BALDWIN PARK, CA 91706
Contact Telephone:	626-416-7199
Contact Fax:	626-582-1571
Contact Email:	VAMONTIEL@SGVWATER.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P.O. BOX 6010
Mailing City,State,Zip:	EL MONTE, CA 91734-2010
Owner Name:	SAN GABRIEL VALLEY AREA A
Owner Type:	Other
Operator Name:	VICTOR A MONTIEL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-31 17:13:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAN GABRIEL VALLEY AREA A
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11142 GARVEY AVE
Owner/Operator City,State,Zip:	EL MONTE, CA 91733
Owner/Operator Telephone:	626-448-6183
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VICTOR A MONTIEL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	SUNSET & SAN BERNARDINO FRWY
Owner/Operator City,State,Zip:	BALDWIN PARK, CA 91706
Owner/Operator Telephone:	626-416-7199
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-05-21 00:00:00.0
Handler Name:	SAN GABRIEL VALLEY AREA 2
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 9241
NAICS Description: ADMINISTRATION OF ENVIRONMENTAL QUALITY PROGRAMS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ROD:
Name: SAN GABRIEL VALLEY (AREA 2)
Address: SUNSET & SAN BERNARDINO FREEWAY
City,State,Zip: BALDWIN PARK, CA 91706
EPA ID: CAD980818512
RG: 9
Site ID: 902092
Action: GOVT Decision Document (ROD)
Operable Unit Number: BALDWIN PARK
SEQ ID: 1
Action Completion: 1994-03-31 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP Name:
A & J SYSTEMS
A&E PLASTICS CO.
A-1 ORNAMENTAL IRON
ACORN ENGINEERING CO.
ACROMIL
ADAMS AND COLTRIN, INC.
ADAMS CAMPBELL CO., LTD.
ADVANCED HEAT TECHNOLOGY CORP.
AEROJET ELECTROSYSTEMS
AEROJET ELECTROSYSTEMS
AEROJET-GENERAL CORP.
AEROJET-GENERAL CORP.
AEROJET-GENERAL CORP.
AEROSOL SERVICES COMPANY
AIR DISTRIBUTION PRODUCTS, INC.
ALLEGIANCE HEALTHCARE CORPORATION
ALLEGIANCE HEALTHCARE CORPORATION
ALLFAST FASTENING SYSTEMS, INC.
ALLIED PHOTO PRODUCTS INC.
ALLSTATE INSURANCE CO.
AMERICAN SHEDS INC.
ARCADIA MACHINE AND TOOL
AREMAC ASSOCIATES
AREMAC HEAT TREATING,INC.
ARMY CORPS OF ENGINEERS
ARTHUR B. SCHULTZ AND JOSEPH POLTORAK
ARTISTIC POLISHING AND PLATING

SAN GABRIEL VALLEY AREA 2 (Continued) **1000114961**

ASSOCIATED ASPHALT PAVING MATERIALS
ASTRO SEAL, INC.
ASTRO SEAL, INC.
ASTRONAUTIC ENAMELERS
AZUSA GAS SYSTEMS
AZUSA LAND RECLAMATION
AZUSA LAND RECLAMATION
AZUSA PIPE AND TUBE BENDING
AZUSA PIPE AND TUBE BENDING
AZUSA PIPE AND TUBE BENDING
AZUSA ROCK INC.
B&B RED-I-MIX-CONCRETE INC.
BALL-ICON, BALL GLASS DIV.
BAXTER HEALTHCARE CORPORATION
BDP CO.
BENCHMARK HOLDING GROUP
BENCHMARK TECHNOLOGY
BIRTCHER
BRENT FAMILY TRUST
BROWN JORDEN CO.
C&H DISTRIBUTING
CAL MAT CO.
CALIFORNIA HYDROFORMING CO., INC.
CALIFORNIA STEEL AND TUBE
CALTRANS
CARDINAL INDUSTRIES FINISHERS
CHAMPION PARTS, INC.
CHARLES HOFGAARDEN
CHEM ARROW CORPORATION
CHEMICAL WASTE MANAGEMENT
CHEMLAWN SERVICE CORP.
CHEVRON CORPORATION
CHEVRON USA, INC.

Click this hyperlink while viewing on your computer to access
196 additional PRP: record(s) in the EDR Site Report.

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7 **ELEANOR ROMERO** **RCRA NonGen / NLR** **1025858712**
North **14740 ECTOR ST** **CAC003039242**
< 1/8 **LA PUENTE, CA 91744**
0.055 mi.
288 ft.

Relative:
Higher

Actual:
316 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-10-17 00:00:00.0
Handler Name:	ELEANOR ROMERO
Handler Address:	14740 ECTOR ST
Handler City,State,Zip:	LA PUENTE, CA 91744
EPA ID:	CAC003039242
Contact Name:	ROBERT LEVIN
Contact Address:	18653 VENTURA BLVD
Contact City,State,Zip:	TARZANA, CA 91356
Contact Telephone:	310-804-6455
Contact Fax:	Not reported
Contact Email:	ROB@DEVONLA.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported

ELEANOR ROMERO (Continued) **1025858712**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	18653 VENTURA BLVD
Mailing City,State,Zip:	TARZANA, CA 91356
Owner Name:	ELEANOR ROMERO
Owner Type:	Other
Operator Name:	ROBERT LEVIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

ELEANOR ROMERO (Continued) **1025858712**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-10-21 14:11:39.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ELEANOR ROMERO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14740 ECTOR ST
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744
Owner/Operator Telephone:	714-981-5847
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT LEVIN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	18653 VENTURA BLVD
Owner/Operator City,State,Zip:	TARZANA, CA 91356
Owner/Operator Telephone:	310-804-6455
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-10-17 00:00:00.0
Handler Name:	ELEANOR ROMERO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

ELEANOR ROMERO (Continued) **1025858712**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

8
SW
< 1/8
0.057 mi.
303 ft.

CLAUDE S AUTO SERVICE
540 S GREENBERRY DR
WHITTIER, CA

EDR Hist Auto **1009120544**
N/A

Relative:
Lower

Actual:
313 ft.

EDR Hist Auto

Year:	Name:	Type:
1957	CLAUDE S AUTO SERVICE	AUTOMOBILE REPAIRS

9
NE
< 1/8
0.101 mi.
533 ft.

VY THIEU HOANG
751 GREENBERRY DR
LA PUENTE, CA 91744

RCRA NonGen / NLR **1025847697**
CAC003027715

Relative:
Higher

Actual:
318 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-08-05 00:00:00.0
Handler Name:	VY THIEU HOANG
Handler Address:	751 GREENBERRY DR
Handler City,State,Zip:	LA PUENTE, CA 91744-2639
EPA ID:	CAC003027715
Contact Name:	VY THIEU HOANG
Contact Address:	751 GREENBERRY DR
Contact City,State,Zip:	LA PUENTE, CA 91744-2639
Contact Telephone:	626-242-3467
Contact Fax:	Not reported
Contact Email:	GABRIELLE@PGJENVIRONMENTAL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	751 GREENBERRY DR
Mailing City,State,Zip:	LA PUENTE, CA 91744-2639
Owner Name:	VY THIEU HOANG
Owner Type:	Other
Operator Name:	VY THIEU HOANG
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

VY THIEU HOANG (Continued) **1025847697**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-09-10 15:06:29.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VY THIEU HOANG

VY THIEU HOANG (Continued) **1025847697**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	751 GREENBERRY DR
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744-2639
Owner/Operator Telephone:	626-242-3467
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VY THIEU HOANG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	751 GREENBERRY DR
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744-2639
Owner/Operator Telephone:	626-242-3467
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-08-05 00:00:00.0
Handler Name:	VY THIEU HOANG
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

10
SW
< 1/8
0.121 mi.
637 ft.

SCOTT S SERVICE STATIONJ
502 S GREENBERRY DR
WHITTIER, CA

EDR Hist Auto **1009020817**
N/A

Relative:
Lower

Actual:
312 ft.

EDR Hist Auto

Year:	Name:	Type:
1931	SCOTT S SERVICE STATIONJ	GASOLINE AND OIL SERVICE STATIONS WHITTIER

11
East
< 1/8
0.124 mi.
654 ft.

DALE LAUDERDALE
744 FOXWORTH AVE
LA PUENTE, CA 91744

RCRA NonGen / NLR **1025838713**
CAC003018309

Relative:
Higher

Actual:
319 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-06-05 00:00:00.0
Handler Name:	DALE LAUDERDALE
Handler Address:	744 FOXWORTH AVE
Handler City,State,Zip:	LA PUENTE, CA 91744
EPA ID:	CAC003018309
Contact Name:	DALE LAUDERDALE
Contact Address:	744 FOXWORTH AVE
Contact City,State,Zip:	LA PUENTE, CA 91744
Contact Telephone:	626-484-8216
Contact Fax:	Not reported
Contact Email:	ELSMALE69@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	744 FOXWORTH AVE
Mailing City,State,Zip:	LA PUENTE, CA 91744
Owner Name:	DALE LAUDERDALE
Owner Type:	Other
Operator Name:	DALE LAUDERDALE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

DALE LAUDERDALE (Continued) **1025838713**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-27 14:19:32.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DALE LAUDERDALE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	744 FOXWORTH AVE
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744
Owner/Operator Telephone:	626-484-8216
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DALE LAUDERDALE

DALE LAUDERDALE (Continued) **1025838713**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	744 FOXWORTH AVE
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744
Owner/Operator Telephone:	626-484-8216
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-06-05 00:00:00.0
Handler Name:	DALE LAUDERDALE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B12 **BLANCA MEDINA** **RCRA NonGen / NLR** **1025845411**
NNW **725 SHADYDALE AVENUE** **CAC003025033**
1/8-1/4 **LA PUENTE, CA 91744**
0.198 mi.
1046 ft. **Site 1 of 3 in cluster B**

Relative:
Higher

Actual:
316 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-07-22 00:00:00.0
Handler Name:	BLANCA MEDINA
Handler Address:	725 SHADYDALE AVENUE
Handler City,State,Zip:	LA PUENTE, CA 91744-2542
EPA ID:	CAC003025033
Contact Name:	BLANCA MEDINA
Contact Address:	725 SHADYDALE AVENUE
Contact City,State,Zip:	LA PUENTE, CA 91744-2542
Contact Telephone:	626-715-2630
Contact Fax:	Not reported
Contact Email:	TAMMYHURLEY@ALLIANCE-ENVIRO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported

BLANCA MEDINA (Continued) **1025845411**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	725 SHADYDALE AVENUE
Mailing City,State,Zip:	LA PUENTE, CA 91744-2542
Owner Name:	BLANCA MEDINA
Owner Type:	Other
Operator Name:	BLANCA MEDINA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

BLANCA MEDINA (Continued) **1025845411**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-07-29 17:13:18.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BLANCA MEDINA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 SHADYDALE AVENUE
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744-2542
Owner/Operator Telephone:	626-715-2630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BLANCA MEDINA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 SHADYDALE AVENUE
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744-2542
Owner/Operator Telephone:	626-715-2630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-07-22 00:00:00.0
Handler Name:	BLANCA MEDINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

BLANCA MEDINA (Continued) **1025845411**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B13 **OKUHATE, STEVEN A AND LORRAINE H** **RCRA NonGen / NLR** **1026169348**
NNW **721 SHADYDALE AVE** **CAC003069396**
1/8-1/4 **LA PUENTE, CA 91744**
0.202 mi.
1069 ft. **Site 2 of 3 in cluster B**

Relative:
Higher

Actual:
316 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2020-06-03 00:00:00.0
Handler Name:	OKUHATE, STEVEN A AND LORRAINE H
Handler Address:	721 SHADYDALE AVE
Handler City,State,Zip:	LA PUENTE, CA 91744
EPA ID:	CAC003069396
Contact Name:	STEVEN OKUHATA
Contact Address:	721 SHADYDALE AVE
Contact City,State,Zip:	LA PUENTE, CA 91744
Contact Telephone:	626-709-7765
Contact Fax:	Not reported
Contact Email:	SENSITIVEENVIRONMENT@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	721 SHADYDALE AVE
Mailing City,State,Zip:	LA PUENTE, CA 91744
Owner Name:	OKUHATE, STEVEN A AND LORRAINE H
Owner Type:	Other
Operator Name:	STEVEN OKUHATA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

OKUHATE, STEVEN A AND LORRAINE H (Continued) **1026169348**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-06-08 20:36:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OKUHATE, STEVEN A AND LORRAINE H
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	721 SHADYDALE AVE
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744
Owner/Operator Telephone:	626-709-7765
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEVEN OKUHATA
Legal Status:	Other

OKUHATE, STEVEN A AND LORRAINE H (Continued) **1026169348**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	721 SHADYDALE AVE
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744
Owner/Operator Telephone:	626-709-7765
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-06-03 00:00:00.0
Handler Name:	OKUHATE, STEVEN A AND LORRAINE H
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B14 **HC CONSTRUCTION** **RCRA NonGen / NLR** **1024757374**
NNW **14605 ECTOR ST** **CAC002977211**
1/8-1/4 **LA PUENTE, CA 91744**
0.216 mi.
1138 ft. **Site 3 of 3 in cluster B**

Relative:
Higher

Actual:
316 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2018-08-23 00:00:00.0
Handler Name:	HC CONSTRUCTION
Handler Address:	14605 ECTOR ST
Handler City,State,Zip:	LA PUENTE, CA 91744
EPA ID:	CAC002977211
Contact Name:	DAVID BERNAL
Contact Address:	14605 ECTOR ST
Contact City,State,Zip:	LA PUENTE, CA 91744
Contact Telephone:	562-375-6353
Contact Fax:	Not reported
Contact Email:	MREYES@SPYBINC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified

HC CONSTRUCTION (Continued) **1024757374**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	14605 ECTOR ST
Mailing City,State,Zip:	LA PUENTE, CA 91744
Owner Name:	DAVID BERNAL
Owner Type:	Other
Operator Name:	DAVID BERNAL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

HC CONSTRUCTION (Continued) **1024757374**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:39:33.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DAVID BERNAL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14605 ECTOR ST
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744
Owner/Operator Telephone:	562-374-6353
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID BERNAL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14605 ECTOR ST
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744
Owner/Operator Telephone:	562-375-6353
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-08-23 00:00:00.0
Handler Name:	HC CONSTRUCTION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

HC CONSTRUCTION (Continued) **1024757374**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

15
SW
1/8-1/4
0.219 mi.
1154 ft.

SETH ESHELMAN **RCRA NonGen / NLR** **1024781598**
402 GLENSHAW DRIVE **CAC003001566**
LA PUENTE, CA 91744

Relative:
Lower

Actual:
310 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-02-18 00:00:00.0
Handler Name:	SETH ESHELMAN
Handler Address:	402 GLENSHAW DRIVE
Handler City,State,Zip:	LA PUENTE, CA 91744
EPA ID:	CAC003001566
Contact Name:	SETH ESHELMAN
Contact Address:	402 GLENSHAW DRIVE
Contact City,State,Zip:	LA PUENTE, CA 91744
Contact Telephone:	626-383-3128
Contact Fax:	Not reported
Contact Email:	VIANCATARANGO@ALLIANCE-ENVIRO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	402 GLENSHAW DRIVE
Mailing City,State,Zip:	LA PUENTE, CA 91744
Owner Name:	SETH ESHELMAN
Owner Type:	Other
Operator Name:	SETH ESHELMAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

SETH ESHELMAN (Continued) **1024781598**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-22 19:41:44.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SETH ESHELMAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	402 GLENSHAW DRIVE
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744
Owner/Operator Telephone:	626-383-3128
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SETH ESHELMAN
Legal Status:	Other

SETH ESHELMAN (Continued) **1024781598**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	402 GLENSHAW DRIVE
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744
Owner/Operator Telephone:	626-383-3128
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-02-18 00:00:00.0
Handler Name:	SETH ESHELMAN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

C16 **LES SCHAUER CHEVRON** **RCRA-SQG** **1000131140**
WNW **603 N SUNSET AVE** **FINDS** **CAD981395940**
1/8-1/4 **LA PUENTE, CA 91744** **ECHO**
0.237 mi.
1253 ft. **Site 1 of 7 in cluster C**

Relative:
Lower

Actual:
312 ft.

RCRA-SQG:

Date Form Received by Agency:	1986-04-23 00:00:00.0
Handler Name:	LES SCHAUER CHEVRON
Handler Address:	603 N SUNSET AVE
Handler City,State,Zip:	LA PUENTE, CA 91744
EPA ID:	CAD981395940
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator

LES SCHAUER CHEVRON (Continued) **1000131140**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	603 N SUNSET AVE
Mailing City,State,Zip:	LA PUENTE, CA 91744
Owner Name:	CHEVRON
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

LES SCHAUER CHEVRON (Continued) **1000131140**

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2002-06-27 03:24:37.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: Not reported

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CHEVRON
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1986-04-23 00:00:00.0
Handler Name: LES SCHAUER CHEVRON
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

LES SCHAUER CHEVRON (Continued) **1000131140**

Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002692943

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000131140
Registry ID:	110002692943
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002692943
Name:	LES SCHAUER CHEVRON
Address:	603 N SUNSET AVE
City,State,Zip:	LA PUENTE, CA 91744

C17 **CHEVRON #9-1787** **LUST** **S102427146**
WNW **603 SUNSET AVE N** **Cortese** **N/A**
1/8-1/4 **LA PUENTE, CA 91744** **HIST CORTESE**
0.237 mi. **CERS**
1253 ft. **Site 2 of 7 in cluster C**

Relative: Lower
Actual: 312 ft.

LUST:

Name:	CHEVRON #9-1787
Address:	603 SUNSET AVE N
City,State,Zip:	LA PUENTE, CA 91744
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704663
Global Id:	T0603704663
Latitude:	34.040731
Longitude:	-117.9680088
Status:	Completed - Case Closed
Status Date:	10/25/1990
Case Worker:	JOA
RB Case Number:	R-05041
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

CHEVRON #9-1787 (Continued) **S102427146**

Global Id: T0603704663
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603704663
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603704663
Action Type: Other
Date: 03/02/1988
Action: Leak Discovery

Global Id: T0603704663
Action Type: Other
Date: 01/19/1988
Action: Leak Stopped

Global Id: T0603704663
Action Type: Other
Date: 03/04/1988
Action: Leak Reported

LUST:
Global Id: T0603704663
Status: Open - Case Begin Date
Status Date: 01/19/1988

Global Id: T0603704663
Status: Open - Site Assessment
Status Date: 03/04/1988

Global Id: T0603704663
Status: Completed - Case Closed
Status Date: 10/25/1990

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-05041
Status: Case Closed
Substance: Waste Oil
Substance Quantity: Not reported

CHEVRON #9-1787 (Continued) **S102427146**

Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603704663	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	TEMPLE AVE	
Enforcement Type:	Not reported	
Date Leak Discovered:	3/2/1988	
Date Leak First Reported:		3/4/1988
Date Leak Record Entered:	4/6/1988	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	1/19/1988	
Date Case Last Changed on Database:		10/25/1990
Date the Case was Closed:		10/25/1990
How Leak Discovered:	Tank Test	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Tank	
Operator:	BAIRD, JOHN	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		794.31753648103377613357813 03
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		3/4/1988
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	CHEVRON USA INC.	
RP Address:	PO BOX 2833, LA HABRA, CA 90632	
Program:	LUST	
Lat/Long:	34.0411195 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	OLD CASE #003016	

CORTESE:

Name:	CHEVRON #9-1787
Address:	603 SUNSET AVE N
City,State,Zip:	LA PUENTE, CA 91744
Region:	CORTESE

CHEVRON #9-1787 (Continued) **S102427146**

Envirostor Id:	Not reported
Global ID:	T0603704663
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	CHEVRON #9-1787
edr_fadd1:	603 SUNSET
City,State,Zip:	LA PUENTE, CA 91744
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	R-05041

edr_fname:	BEACON STATION #1-733
edr_fadd1:	603 SUNSET
City,State,Zip:	LA PUENTE, CA 91744
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	3016

CERS:

Name:	CHEVRON #9-1787
Address:	603 SUNSET AVE N
City,State,Zip:	LA PUENTE, CA 91744
Site ID:	252820
CERS ID:	T0603704663
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507

CHEVRON #9-1787 (Continued) **S102427146**

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

C18 **91787** **SWEEPS UST** **S104538432**
WNW **603 N SUNSET** **HIST UST** **N/A**
1/8-1/4 **LA PUENTE, CA 91744** **LOS ANGELES CO. HMS**
0.237 mi.
1253 ft. **Site 3 of 7 in cluster C**

Relative: **Lower**
Actual: **312 ft.**

SWEEPS UST:

Name:	CHEVRON USA SS 1787
Address:	603 N SUNSET AVE
City:	LA PUENTE
Status:	Not reported
Comp Number:	5041
Number:	Not reported
Board Of Equalization:	44-007881
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-005041-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	4

Name:	CHEVRON USA SS 1787
Address:	603 N SUNSET AVE
City:	LA PUENTE
Status:	Not reported
Comp Number:	5041
Number:	Not reported
Board Of Equalization:	44-007881
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-005041-000002
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

91787 (Continued) **S104538432**

Name: CHEVRON USA SS 1787
Address: 603 N SUNSET AVE
City: LA PUENTE
Status: Not reported
Comp Number: 5041
Number: Not reported
Board Of Equalization: 44-007881
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-005041-000003
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: CHEVRON USA SS 1787
Address: 603 N SUNSET AVE
City: LA PUENTE
Status: Not reported
Comp Number: 5041
Number: Not reported
Board Of Equalization: 44-007881
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-005041-000004
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: 91787
Address: 603 N SUNSET
City,State,Zip: LA PUENTE, CA 91744
File Number: 00026C8F
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026C8F.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

91787 (Continued) **S104538432**

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:

LOS ANGELES CO. HMS:
Name: CHEVRON USA CO
Address: 603 N SUNSET AVE
City,State,Zip: LA PUENTE, CA 91744
Region: LA
Permit Category: I
Facility Id: 004855-I05041
Facility Type: 01
Facility Status: Closed
Area: 6J
Permit Number: 00001946J
Permit Status: Closed

C19 **91787** **HIST UST** **U001569595**
WNW **603 SUNSET AVE** **N/A**
1/8-1/4 **LA PUENTE, CA 91744**
0.237 mi.
1253 ft. **Site 4 of 7 in cluster C**

Relative: HIST UST:
Lower
Name: 91787
Actual: Address: 603 SUNSET AVE
312 ft. City,State,Zip: LA PUENTE, CA 91744
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000062132
Facility Type: Gas Station
Other Type: Not reported
Contact Name: SCHAUER,LES
Telephone: 8189183576
Owner Name: CHEVRON U.S.A. INC.
Owner Address: 575 MARKET
Owner City,St,Zip: SAN FRANCISCO, CA 94105
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: 1968
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000250
Leak Detection: Stock Inventor

Tank Num: 002

91787 (Continued) **U001569595**

Container Num:	2
Year Installed:	1968
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1968
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1968
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000130
Leak Detection:	Stock Inventor

---

20 **HUIZAR, YOLANDA** **RCRA NonGen / NLR** **1024781790**
SSE **503 MELHAM AVENUE** **CAC003001759**
1/8-1/4 **LA PUENTE, CA 91744**
0.246 mi.
1297 ft.

Relative: **Lower**

Actual: **313 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-02-19 00:00:00.0
Handler Name:	HUIZAR, YOLANDA
Handler Address:	503 MELHAM AVENUE
Handler City,State,Zip:	LA PUENTE, CA 91744
EPA ID:	CAC003001759
Contact Name:	HUIZAR, YOLANDA
Contact Address:	503 MELHAM AVENUE
Contact City,State,Zip:	LA PUENTE, CA 91744
Contact Telephone:	626-665-7091
Contact Fax:	Not reported
Contact Email:	ANDREWC@PWSEI.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	503 MELHAM AVENUE
Mailing City,State,Zip:	LA PUENTE, CA 91744
Owner Name:	HUIZAR, YOLANDA
Owner Type:	Other

HUIZAR, YOLANDA (Continued) **1024781790**

Operator Name:	HUIZAR, YOLANDA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-22 19:41:48.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

HUIZAR, YOLANDA (Continued) **1024781790**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HUIZAR, YOLANDA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 MELHAM AVENUE
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744
Owner/Operator Telephone:	626-665-7091
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HUIZAR, YOLANDA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 MELHAM AVENUE
Owner/Operator City,State,Zip:	LA PUENTE, CA 91744
Owner/Operator Telephone:	626-665-7091
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-02-19 00:00:00.0
Handler Name:	HUIZAR, YOLANDA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

C21 **CONOCOPHILLIPS COMPANY #2705695** **LUST** **S108203174**
WNW **551 SUNSET AVE N** **Cortese** **N/A**
1/4-1/2 **LA PUENTE, CA 91744** **LOS ANGELES CO. HMS**
0.257 mi. **CERS**
1357 ft. **Site 5 of 7 in cluster C**

Relative:
Lower

Actual:
311 ft.

LUST:

Name:	CONOCOPHILLIPS COMPANY #2705695
Address:	551 SUNSET AVE N
City,State,Zip:	LA PUENTE, CA 91744
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000001295
Global Id:	T10000001295
Latitude:	34.040640519
Longitude:	-117.96857357
Status:	Completed - Case Closed
Status Date:	04/17/2013
Case Worker:	JFL
RB Case Number:	I-05049A
Local Agency:	LOS ANGELES COUNTY
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:	T10000001295
Contact Type:	Regional Board Caseworker
Contact Name:	JOE F. LUERA
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	joe.luera@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T10000001295
Contact Type:	Local Agency Caseworker
Contact Name:	RANI IYER
Organization Name:	LOS ANGELES COUNTY
Address:	900 S. FREMONT AVE.
City:	ALHAMBRA
Email:	riyer@dpw.lacounty.gov
Phone Number:	Not reported

LUST:

Global Id:	T10000001295
Action Type:	Other
Date:	10/09/2007
Action:	Leak Discovery

Global Id:	T10000001295
Action Type:	ENFORCEMENT
Date:	02/13/2013
Action:	Notification - Preclosure

Global Id:	T10000001295
Action Type:	ENFORCEMENT

CONOCOPHILLIPS COMPANY #2705695 (Continued) **S108203174**

Date: 06/21/2012
Action: Referral to Regional Board

Global Id: T10000001295
Action Type: RESPONSE
Date: 08/29/2012
Action: Other Report / Document

Global Id: T10000001295
Action Type: ENFORCEMENT
Date: 06/29/2012
Action: Staff Letter

Global Id: T10000001295
Action Type: ENFORCEMENT
Date: 04/17/2013
Action: Closure/No Further Action Letter

Global Id: T10000001295
Action Type: RESPONSE
Date: 04/13/2013
Action: Other Report / Document

Global Id: T10000001295
Action Type: RESPONSE
Date: 06/15/2013
Action: Well Destruction Report

Global Id: T10000001295
Action Type: Other
Date: 11/02/2007
Action: Leak Reported

LUST:
Global Id: T10000001295
Status: Open - Site Assessment
Status Date: 10/08/2007

Global Id: T10000001295
Status: Open - Case Begin Date
Status Date: 10/09/2007

Global Id: T10000001295
Status: Open - Eligible for Closure
Status Date: 12/17/2012

Global Id: T10000001295
Status: Completed - Case Closed
Status Date: 04/17/2013

CORTESE:
Name: CONOCOPHILLIPS COMPANY #2705695
Address: 551 SUNSET AVE N
City,State,Zip: LA PUENTE, CA 91744
Region: CORTESE

CONOCOPHILLIPS COMPANY #2705695 (Continued) **S108203174**

Envirostor Id:	Not reported
Global ID:	T10000001295
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

LOS ANGELES CO. HMS:

Name:	PACIFIC CONVENIENCE #5695
Address:	551 N SUNSET AVE
City,State,Zip:	LA PUENTE, CA 917443530
Region:	LA
Permit Category:	T
Facility Id:	004863-055747
Facility Type:	0
Facility Status:	Closed
Area:	6J
Permit Number:	000683858
Permit Status:	Closed

CERS:

Name:	CONOCOPHILLIPS COMPANY #2705695
Address:	551 SUNSET AVE N
City,State,Zip:	LA PUENTE, CA 91744
Site ID:	256894
CERS ID:	T10000001295
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	RANI IYER - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S. FREMONT AVE.
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JOE F. LUERA - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH STREET, SUITE 200

CONOCOPHILLIPS COMPANY #2705695 (Continued) **S108203174**

Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

C22 **UNOCAL #5786** **LUST** **S103956525**
WNW **551 SUNSET** **HIST CORTESE** **N/A**
1/4-1/2 **LA PUENTE, CA 91744** **CERS**
0.257 mi.
1357 ft. **Site 6 of 7 in cluster C**

Relative:
Lower

Actual:
311 ft.

LUST:

Name:	UNOCAL #5786
Address:	551 SUNSET AVE
City,State,Zip:	LA PUENTE, CA 91744
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703022
Global Id:	T0603703022
Latitude:	34.040683
Longitude:	-117.968604
Status:	Completed - Case Closed
Status Date:	11/25/1996
Case Worker:	YR
RB Case Number:	I-05049
Local Agency:	LOS ANGELES COUNTY
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:	T0603703022
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507

Global Id:	T0603703022
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603703022
Action Type:	Other
Date:	10/13/1993
Action:	Leak Discovery

UNOCAL #5786 (Continued) **S103956525**

Global Id: T0603703022
Action Type: Other
Date: 11/30/1993
Action: Leak Reported

LUST:
Global Id: T0603703022
Status: Open - Case Begin Date
Status Date: 08/31/1993

Global Id: T0603703022
Status: Open - Site Assessment
Status Date: 08/31/1993

Global Id: T0603703022
Status: Open - Site Assessment
Status Date: 11/30/1993

Global Id: T0603703022
Status: Open - Site Assessment
Status Date: 03/30/1995

Global Id: T0603703022
Status: Completed - Case Closed
Status Date: 11/25/1996

HIST CORTESE:
edr_fname: UNOCAL #5786
edr_fadd1: 551 SUNSET
City,State,Zip: LA PUENTE, CA 91744
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-05049

CERS:
Name: UNOCAL #5786
Address: 551 SUNSET AVE
City,State,Zip: LA PUENTE, CA 91744
Site ID: 243228
CERS ID: T0603703022
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker

UNOCAL #5786 (Continued) **S103956525**

Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

C23 **UNOCAL #5786** **LUST** **S101296552**
WNW **551 SUNSET AVE** **Cortese** **N/A**
1/4-1/2 **LA PUENTE, CA 91744**
0.257 mi.
1357 ft. **Site 7 of 7 in cluster C**

Relative:
Lower

Actual:
311 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	I-05049	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		OT
Global ID:	T0603703022	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	TEMPLE	
Enforcement Type:	Not reported	
Date Leak Discovered:	10/13/1993	
Date Leak First Reported:		11/30/1993
Date Leak Record Entered:	3/14/1994	
Date Confirmation Began:	11/30/1993	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		3/20/1997
Date the Case was Closed:		11/25/1996
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	Tank	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		732.34944203946605685255040954
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		8/31/1993
Pollution Characterization Began:		3/30/1995
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		1/1/1965
Hist Max MTBE Conc in Groundwater:		49

UNOCAL #5786 (Continued) **S101296552**

Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Yes
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: UNION CORPORATION
RP Address: 376 S VALENCIA AVE, BREA, CA 92621
Program: LUST
Lat/Long: 34.0403156 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: 12/31/96 - QUARTERLY MONITORING REPORT 03/20/97 - WELL ABANDONMENT REPORT

CORTESE:
Name: UNOCAL #5786
Address: 551 SUNSET AVE
City,State,Zip: LA PUENTE, CA 91744
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603703022
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

D24 **CVS PHARMACY** **LUST** **S106023558**
North **848 N SUNSET AVE** **Cortese** **N/A**
1/4-1/2 **LA PUENTE, CA 91744** **LOS ANGELES CO. HMS**
0.327 mi. **CERS**
1724 ft. **Site 1 of 3 in cluster D**

Relative: **Higher**

Actual: **319 ft.**

LUST:
Name: CVS INC
Address: 848 N. SUNSET
City,State,Zip: LA PUENTE, CA 91744
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site

CVS PHARMACY (Continued) **S106023558**

Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603782855
Global Id: T0603782855
Latitude: 34.044572
Longitude: -117.96394
Status: Completed - Case Closed
Status Date: 10/06/2004
Case Worker: TS
RB Case Number: Not reported
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: 37972
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:
Global Id: T0603782855
Contact Type: Local Agency Caseworker
Contact Name: TIM SMITH
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: tsmith@dpw.lacounty.gov
Phone Number: Not reported

Global Id: T0603782855
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603782855
Action Type: ENFORCEMENT
Date: 10/06/2004
Action: Closure/No Further Action Letter

Global Id: T0603782855
Action Type: Other
Date: 12/11/2002
Action: Leak Discovery

Global Id: T0603782855
Action Type: REMEDIATION
Date: 12/11/2002
Action: Not reported

Global Id: T0603782855
Action Type: Other
Date: 12/17/2002
Action: Leak Reported

LUST:
Global Id: T0603782855

CVS PHARMACY (Continued) **S106023558**

Status: Open - Case Begin Date
Status Date: 12/11/2002

Global Id: T0603782855
Status: Completed - Case Closed
Status Date: 10/06/2004

CORTESE:
Name: CVS INC
Address: 848 N. SUNSET
City,State,Zip: LA PUENTE, CA 91744
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603782855
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

LOS ANGELES CO. HMS:
Name: CVS PHARMACY
Address: 848 N SUNSET AVE
City,State,Zip: LA PUENTE, CA 91744
Region: LA
Permit Category: T
Facility Id: 027049-037972
Facility Type: 1
Facility Status: Removed
Area: 6J
Permit Number: 000359329
Permit Status: Removed

CERS:
Name: CVS INC
Address: 848 N. SUNSET
City,State,Zip: LA PUENTE, CA 91744
Site ID: 211274
CERS ID: T0603782855
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

CVS PHARMACY (Continued) **S106023558**

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TIM SMITH - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S. FREMONT AVE.
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

D25 **JARA BODY SHOP** **CPS-SLIC** **S106763913**
North **856 N SUNSET** **HIST UST** **N/A**
1/4-1/2 **LA PUENTE, CA 91744** **WIP**
0.335 mi.
1767 ft. **Site 2 of 3 in cluster D**

Relative:
Higher

Actual:
319 ft.

CPS-SLIC:

Name:	JARA BODY SHOP
Address:	856 N. SUNSET AVE.
City,State,Zip:	LA PUENTE, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/02/1986
Global Id:	T10000014203
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.04447
Longitude:	-117.96335
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0029
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	JARA BODY SHOP
Address:	856 N SUNSET
City,State,Zip:	LA PUENTE, CA 91744
File Number:	000264E5
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000264E5.pdf
Region:	Not reported

JARA BODY SHOP (Continued) **S106763913**

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:

WIP:

Name:	JARA BODY SHOP
Address:	856 N Sunset Ave
City,State,Zip:	LA PUENTE, CA 91744
Region:	4
File Number:	102.0029
File Status:	**Historical**
Staff:	JBISHOP
Facility Suite:	Not reported

E26 **COMPARE VALUE** **CPS-SLIC** **S106764093**
SSW **14900 E. NELSON AVE.** **WIP** **N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91749**
0.349 mi.
1843 ft. **Site 1 of 4 in cluster E**

Relative:
Lower

Actual:
309 ft.

CPS-SLIC:

Name:	COMPARE VALUE
Address:	14900 E. NELSON AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91749
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	11/26/1990
Global Id:	T10000014467
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03343
Longitude:	-117.96728
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0301
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

COMPARE VALUE (Continued) **S106764093**

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	COMPARE VALUE
Address:	14900 E Nelson Ave
City,State,Zip:	CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91749
Region:	4
File Number:	102.0301
File Status:	**Historical**
Staff:	JCL
Facility Suite:	Not reported

E27 **JACOBO AND SONS** **CPS-SLIC** **S106763947**
SW **14842 NELSON AVE.** **WIP** **N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91744**
0.355 mi.
1875 ft. **Site 2 of 4 in cluster E**

Relative: **Lower**

Actual: **308 ft.**

CPS-SLIC:

Name:	JACOBO AND SONS
Address:	14842 NELSON AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/11/1987
Global Id:	T10000014249
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03364
Longitude:	-117.96793
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0075
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	JACOBO AND SONS,
Address:	14842 Nelson Ave
City,State,Zip:	CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region:	4
File Number:	102.0075
File Status:	**Historical**
Staff:	AHSU
Facility Suite:	Not reported

F28 **LANE STANTON VANCE LUMBER CO.** **CPS-SLIC** **S106764039**
WSW **14710 E. NELSON AVE.** **WIP** **N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91744**
0.361 mi.
1908 ft. **Site 1 of 5 in cluster F**

Relative:
Lower

Actual:
307 ft.

CPS-SLIC:

Name:	LANE STANTON VANCE LUMBER CO.
Address:	14710 E. NELSON AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/23/1995
Global Id:	T10000014399
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03491
Longitude:	-117.96988
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.021
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	LANE STANTON VANCE LUMBER CO
Address:	14710 E Nelson Ave
City,State,Zip:	CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region:	4
File Number:	102.0210
File Status:	**Historical**
Staff:	JCL
Facility Suite:	Not reported

F29 **LANE STANTON VANACE** **LUST** **S102432496**
WSW **14710 NELSON AVE** **Cortese** **N/A**
1/4-1/2 **INDUSTRY, CA 91744** **HIST CORTESE**
0.361 mi. **WDS**
1908 ft. **Site 2 of 5 in cluster F** **CERS**

Relative:
Lower

Actual:
307 ft.

LUST:

Name:	LANE STANTON VANACE
Address:	14710 NELSON AVE
City,State,Zip:	INDUSTRY, CA 91744
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705248
Global Id:	T0603705248
Latitude:	34.0354481
Longitude:	-117.9700402
Status:	Completed - Case Closed
Status Date:	01/03/1991
Case Worker:	JOA
RB Case Number:	R-15141

LANE STANTON VANACE (Continued) **S102432496**

Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Aviation
Site History: Not reported

LUST:
Global Id: T0603705248
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603705248
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603705248
Action Type: Other
Date: 01/03/1991
Action: Leak Reported

LUST:
Global Id: T0603705248
Status: Completed - Case Closed
Status Date: 01/03/1991

Global Id: T0603705248
Status: Open - Case Begin Date
Status Date: 01/03/1991

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-15141
Status: Case Closed
Substance: 1
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603705248
W Global ID: Not reported
Staff: UNK

LANE STANTON VANACE (Continued) **S102432496**

Local Agency:	19000	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		1/3/1991
Date Leak Record Entered:	5/3/1996	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		1/3/1991
Date the Case was Closed:		1/3/1991
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		594.87169389621613967668945575
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	LANE STANTON VANCE	
RP Address:	14710 NELSON AVE CITY OF INDUSTRY CA 91744	
Program:	LUST	
Lat/Long:	34.0354467 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

CORTESE:

Name:	LANE STANTON VANACE
Address:	14710 NELSON AVE
City,State,Zip:	INDUSTRY, CA 91744
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603705248
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported

LANE STANTON VANACE (Continued) **S102432496**

Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	LANE STANTON VANACE
edr_fadd1:	14710 NELSON
City,State,Zip:	INDUSTRY, CA 91744
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	R-15141

WDS:

Name:	LANE STANTON VANCE LUMBER CO.
Address:	14710 Nelson Ave
City:	CITY OF INDUSTRY
Facility ID:	4 19I005604
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	Not reported
Facility Contact:	Jim Caldero
Agency Name:	INDUSTRY PACIFIC INC.
Agency Address:	14710 Nelson Ave.
Agency City,St,Zip:	City of Industry 917444327
Agency Contact:	Jim Caldero
Agency Telephone:	6269688331
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported

LANE STANTON VANACE (Continued) **S102432496**

Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: The facility is not a POTW.
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:
Name: LANE STANTON VANACE
Address: 14710 NELSON AVE
City,State,Zip: INDUSTRY, CA 91744
Site ID: 256629
CERS ID: T0603705248
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

F30 **LANE STANTON VANCE LUMBER COMPANY** **LUST** **S110042503**
WSW **14710 NELSON AVE S** **Cortese** **N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91744** **CERS**
0.361 mi.
1908 ft. **Site 3 of 5 in cluster F**

Relative:
Lower

Actual:
307 ft.

LUST:

Name:	LANE STANTON VANCE LUMBER COMPANY
Address:	14710 NELSON AVE S
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603711765
Global Id:	T0603711765
Latitude:	34.035381
Longitude:	-117.969916
Status:	Completed - Case Closed
Status Date:	10/08/2009
Case Worker:	HDN
RB Case Number:	R-15141A
Local Agency:	LOS ANGELES COUNTY
File Location:	Regional Board
Local Case Number:	014533-037714
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603711765
Contact Type:	Regional Board Caseworker
Contact Name:	HA D. NGUYEN
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4th Street, Suite 200
City:	LOS ANGELES
Email:	hnguyen@waterboards.ca.gov
Phone Number:	2135766658

Global Id:	T0603711765
Contact Type:	Local Agency Caseworker
Contact Name:	KATTYA BATRES RINZE
Organization Name:	LOS ANGELES COUNTY
Address:	900 SOUTH FREMONT AVE
City:	ALHAMBRA
Email:	gbatres@dpw.lacounty.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603711765
Action Type:	Other
Date:	01/29/2004
Action:	Leak Discovery

Global Id:	T0603711765
Action Type:	ENFORCEMENT
Date:	09/30/2008
Action:	Referral to Regional Board

Global Id:	T0603711765
Action Type:	Other

LANE STANTON VANCE LUMBER COMPANY (Continued) **S110042503**

Date: 02/17/2004
Action: Leak Reported

Global Id: T0603711765
Action Type: ENFORCEMENT
Date: 12/18/2008
Action: Staff Letter

Global Id: T0603711765
Action Type: ENFORCEMENT
Date: 10/08/2009
Action: Closure/No Further Action Letter

Global Id: T0603711765
Action Type: RESPONSE
Date: 02/15/2009
Action: Other Report / Document

Global Id: T0603711765
Action Type: RESPONSE
Date: 01/15/2009
Action: Soil and Water Investigation Report

LUST:
Global Id: T0603711765
Status: Open - Case Begin Date
Status Date: 01/29/2004

Global Id: T0603711765
Status: Open - Site Assessment
Status Date: 10/20/2004

Global Id: T0603711765
Status: Open - Referred
Status Date: 09/30/2008

Global Id: T0603711765
Status: Open - Referred
Status Date: 10/15/2008

Global Id: T0603711765
Status: Completed - Case Closed
Status Date: 10/08/2009

CORTESE:
Name: LANE STANTON VANCE LUMBER COMPANY
Address: 14710 NELSON AVE S
City,State,Zip: CITY OF INDUSTRY, CA 91744
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603711765
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported

LANE STANTON VANCE LUMBER COMPANY (Continued) **S110042503**

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

CERS:

Name:	LANE STANTON VANCE LUMBER COMPANY
Address:	14710 NELSON AVE S
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Site ID:	221373
CERS ID:	T0603711765
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	HA D. NGUYEN - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4th Street, Suite 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766658

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	KATTYA BATRES RINZE - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 SOUTH FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

31
SW
1/4-1/2
0.364 mi.
1923 ft.

DAYSTONE
14830 E. NELSON AVE.
CITY OF INDUSTRY, CA 91744

CPS-SLIC **S106763980**
WIP **N/A**

Relative:
Lower

Actual:
308 ft.

CPS-SLIC:

Name:	DAYSTONE
Address:	14830 E. NELSON AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/31/1995

DAYSTONE (Continued) **S106763980**

Global Id:	T10000014314
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03356
Longitude:	-117.96805
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0126
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	DAYSTONE
Address:	14830 E Nelson Ave
City,State,Zip:	CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region:	4
File Number:	102.0126
File Status:	**Historical**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

---

32 **NLC PLASTIC GRAPHICS** **CPS-SLIC** **S106763953**
SSW **14940 E. NELSON AVE.** **WIP** **N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91744**
0.366 mi.
1930 ft.

Relative:
Lower

Actual:
309 ft.

CPS-SLIC:

Name:	NLC PLASTIC GRAPHICS
Address:	14940 E. NELSON AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/07/1987
Global Id:	T10000014259
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03262
Longitude:	-117.96672
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0082
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	NLC PLASTIC GRAPHICS

NLC PLASTIC GRAPHICS (Continued) **S106763953**

Address: 14940 E Nelson Ave
City,State,Zip: CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region: 4
File Number: 102.0082
File Status: Historical
Staff: PBC
Facility Suite: Not reported

E33 **EDUARDO SCHNEIDER** **LUST** **S109517570**
SW **241 CALIFORNIA AVE. N.** **Cortese** **N/A**
1/4-1/2 **INDUSTRY, CA 91744** **CERS**
0.368 mi.
1945 ft. **Site 3 of 4 in cluster E**

Relative: **Lower**
Actual: **307 ft.**

LUST:
Name: EDUARDO SCHNEIDER
Address: 241 CALIFORNIA AVE. N.
City,State,Zip: INDUSTRY, CA 91744
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000000672
Global Id: T10000000672
Latitude: 34.033407911
Longitude: -117.96773136
Status: Completed - Case Closed
Status Date: 11/07/2011
Case Worker: JFL
RB Case Number: R-49079
Local Agency: LOS ANGELES COUNTY
File Location: Regional Board
Local Case Number: 003631-049079
Potential Media Affect: Soil
Potential Contaminants of Concern: Toluene, Xylene, Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T10000000672
Contact Type: Local Agency Caseworker
Contact Name: ALBERTO GRAJEDA
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: algrajeda@dpw.lacounty.gov
Phone Number: Not reported

Global Id: T10000000672
Contact Type: Regional Board Caseworker
Contact Name: JOE F. LUERA
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH STREET, SUITE 200
City: LOS ANGELES
Email: joe.luera@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T10000000672
Action Type: ENFORCEMENT

EDUARDO SCHNEIDER (Continued) **S109517570**

Date:	01/10/2011
Action:	Referral to Regional Board
Global Id:	T10000000672
Action Type:	ENFORCEMENT
Date:	03/01/2011
Action:	Staff Letter
Global Id:	T10000000672
Action Type:	ENFORCEMENT
Date:	11/07/2011
Action:	Closure/No Further Action Letter
Global Id:	T10000000672
Action Type:	RESPONSE
Date:	04/15/2011
Action:	Soil and Water Investigation Report
Global Id:	T10000000672
Action Type:	RESPONSE
Date:	04/15/2011
Action:	Other Report / Document
Global Id:	T10000000672
Action Type:	RESPONSE
Date:	04/15/2011
Action:	Soil and Water Investigation Workplan
Global Id:	T10000000672
Action Type:	RESPONSE
Date:	04/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T10000000672
Action Type:	RESPONSE
Date:	07/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T10000000672
Action Type:	Other
Date:	08/05/2008
Action:	Leak Discovery
Global Id:	T10000000672
Action Type:	Other
Date:	08/05/2008
Action:	Leak Stopped
Global Id:	T10000000672
Action Type:	Other
Date:	01/07/2009
Action:	Leak Reported
Global Id:	T10000000672
Action Type:	RESPONSE
Date:	05/19/2014
Action:	Well Destruction Report

EDUARDO SCHNEIDER (Continued) **S109517570**

LUST:

Global Id:	T10000000672
Status:	Open - Case Begin Date
Status Date:	08/05/2008
Global Id:	T10000000672
Status:	Open - Site Assessment
Status Date:	01/08/2009
Global Id:	T10000000672
Status:	Completed - Case Closed
Status Date:	11/07/2011

CORTESE:

Name:	EDUARDO SCHNEIDER
Address:	241 CALIFORNIA AVE. N.
City,State,Zip:	INDUSTRY, CA 91744
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T10000000672
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	EDUARDO SCHNEIDER
Address:	241 CALIFORNIA AVE. N.
City,State,Zip:	INDUSTRY, CA 91744
Site ID:	207752
CERS ID:	T10000000672
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ALBERTO GRAJEDA - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S. FREMONT AVE.
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported

EDUARDO SCHNEIDER (Continued) **S109517570**

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JOE F. LUERA - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH STREET, SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

D34 **087** **LUST** **U001569794**
North **861 SUNSET AVE** **HIST UST** **N/A**
1/4-1/2 **LA PUENTE, CA 91749** **Cortese**
0.379 mi. **CERS**
2002 ft. **Site 3 of 3 in cluster D**

Relative: **Higher**

Actual: **320 ft.**

LUST:

Name:	TARGET SERVICE STATION (FORMER)
Address:	861 N SUNSET AVE
City,State,Zip:	LA PUENTE, CA 91744
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603765571
Global Id:	T0603765571
Latitude:	34.04531
Longitude:	-117.963669
Status:	Completed - Case Closed
Status Date:	03/19/2018
Case Worker:	NC
RB Case Number:	R-26747
Local Agency:	LOS ANGELES COUNTY
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603765571
Contact Type:	Regional Board Caseworker
Contact Name:	NOMAN CHOWDHURY
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	noman.chowdhury@waterboards.ca.gov
Phone Number:	2135766704

Global Id:	T0603765571
Contact Type:	Local Agency Caseworker
Contact Name:	TIM SMITH
Organization Name:	LOS ANGELES COUNTY
Address:	900 S. FREMONT AVE.
City:	ALHAMBRA
Email:	tsmith@dpw.lacounty.gov

087 (Continued) **U001569794**

Phone Number: Not reported

LUST:

Global Id: T0603765571
Action Type: ENFORCEMENT
Date: 06/30/2015
Action: State Water Board Closure Order

Global Id: T0603765571
Action Type: ENFORCEMENT
Date: 03/13/2014
Action: Staff Letter

Global Id: T0603765571
Action Type: Other
Date: 01/11/1999
Action: Leak Discovery

Global Id: T0603765571
Action Type: RESPONSE
Date: 06/21/2013
Action: Site Assessment Report - Regulator Responded

Global Id: T0603765571
Action Type: RESPONSE
Date: 10/30/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0603765571
Action Type: RESPONSE
Date: 05/15/2014
Action: Site Assessment Report - Regulator Responded

Global Id: T0603765571
Action Type: REMEDIATION
Date: 06/01/2005
Action: Other (Use Description Field)

Global Id: T0603765571
Action Type: ENFORCEMENT
Date: 03/19/2018
Action: Closure/No Further Action Letter

Global Id: T0603765571
Action Type: Other
Date: 10/17/2001
Action: Leak Reported

Global Id: T0603765571
Action Type: ENFORCEMENT
Date: 08/30/2013
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603765571
Action Type: ENFORCEMENT
Date: 07/27/2009
Action: Referral to Regional Board - #C619468

087 (Continued) **U001569794**

Global Id: T0603765571
Action Type: ENFORCEMENT
Date: 09/24/2009
Action: Staff Letter

Global Id: T0603765571
Action Type: ENFORCEMENT
Date: 03/06/2015
Action: Notification - Public Participation Document

Global Id: T0603765571
Action Type: RESPONSE
Date: 02/11/2015
Action: Email Correspondence

Global Id: T0603765571
Action Type: RESPONSE
Date: 11/15/2009
Action: Other Report / Document

LUST:
Global Id: T0603765571
Status: Open - Case Begin Date
Status Date: 01/11/1999

Global Id: T0603765571
Status: Open - Site Assessment
Status Date: 06/01/2005

Global Id: T0603765571
Status: Open - Site Assessment
Status Date: 07/27/2009

Global Id: T0603765571
Status: Open - Eligible for Closure
Status Date: 07/29/2014

Global Id: T0603765571
Status: Completed - Case Closed
Status Date: 03/19/2018

HIST UST:
Name: 087
Address: 861 SUNSET AVE
City,State,Zip: LA PUENTE, CA 91749
File Number: 000269FB
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000269FB.pdf
Region: STATE
Facility ID: 00000034274
Facility Type: Gas Station
Other Type: Not reported
Contact Name: Not reported
Telephone: 0000000000
Owner Name: CALIFORNIA TARGET ENTERPRISES,
Owner Address: 12739 LAKEWOOD BLVD

087 (Continued) **U001569794**

Owner City,St,Zip:	DOWNEY, CA 90242
Total Tanks:	0008
Tank Num:	001
Container Num:	87-3
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	87-4
Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	87-5
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	87-6
Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	005
Container Num:	87-1
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	006
Container Num:	87-2
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

087 (Continued) **U001569794**

Tank Num:	007
Container Num:	87-7
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Tank Num:	008
Container Num:	87-8
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Click here for Geo Tracker PDF:

CORTESE:

Name:	TARGET SERVICE STATION (FORMER)
Address:	861 N SUNSET AVE
City,State,Zip:	LA PUENTE, CA 91744
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603765571
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	7-ELEVEN INC. STORE #34031
Address:	861 N SUNSET AVE
City,State,Zip:	LA PUENTE, CA 91744
Site ID:	88249
CERS ID:	10286344
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-08-2018

087 (Continued) **U001569794**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 88249
Facility Name: 7-ELEVEN INC. STORE #34031
Env Int Type Code: HMBP
Program ID: 10286344
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.045310
Longitude: -117.963650

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Operator
Entity Name: SUKHMAN ENTERPRISES INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (626) 918-3086

Affiliation Type Desc: Parent Corporation
Entity Name: 7-ELEVEN CONVENIENCE STORES
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

087 (Continued) **U001569794**

Affiliation Type Desc:	Property Owner
Entity Name:	7-ELEVEN INC.
Entity Title:	Not reported
Affiliation Address:	LICENSE RENEWAL DEPT.:3200 HACKBERRY ROAD
Affiliation City:	IRVING
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75063
Affiliation Phone:	(972) 828-7578

Affiliation Type Desc:	Document Preparer
Entity Name:	Stantec Consulting Services Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	SUKHMAN ENTERPRISES INC.
Entity Title:	Not reported
Affiliation Address:	LICENSE RENEWAL DEPT.:3200 HACKBERRY ROAD
Affiliation City:	IRVING
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75063
Affiliation Phone:	(972) 828-7578

Affiliation Type Desc:	Identification Signer
Entity Name:	BRENT SMERCZYNSKI
Entity Title:	CORPORATE ASSET PROTECTION 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:	Environmental Contact
Entity Name:	BRENT SMERCZYNSKI
Entity Title:	Not reported
Affiliation Address:	3200 HACKBERRY ROAD
Affiliation City:	IRVING
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75063
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	LICENSE RENEWAL DEPT.:3200 HACKBERRY ROAD
Affiliation City:	IRVING
Affiliation State:	TX
Affiliation Country:	Not reported

087 (Continued) **U001569794**

Affiliation Zip: 75063
Affiliation Phone: Not reported

Name: TARGET SERVICE STATION (FORMER)
Address: 861 N SUNSET AVE
City,State,Zip: LA PUENTE, CA 91744
Site ID: 236869
CERS ID: T0603765571
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: NOMAN CHOWDHURY - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 WEST 4TH STREET, SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766704

Affiliation Type Desc: Local Agency Caseworker
Entity Name: TIM SMITH - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S. FREMONT AVE.
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

G35 **LA PUENTE AUTO ELECTRIC** **Cortese** **U002279465**
North **908 N SUNSET AVE** **LOS ANGELES CO. HMS** **N/A**
1/4-1/2 **LA PUENTE, CA 91744** **CERS**
0.386 mi.
2039 ft. **Site 1 of 2 in cluster G**

Relative:
Higher

Actual:
322 ft.

CORTESE:
Name: LA PUENTE AUTO ELECTRIC
Address: 908 N SUNSET AVE
City,State,Zip: LA PUENTE, CA 91744
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603764924
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported

LA PUENTE AUTO ELECTRIC (Continued) **U002279465**

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

LOS ANGELES CO. HMS:
Name: LA PUENTE AUTO ELECTRIC
Address: 908 N SUNSET AVE
City,State,Zip: LA PUENTE, CA 917441849
Region: LA
Permit Category: Not reported
Facility Id: 004374-004532
Facility Type: Not reported
Facility Status: Removed
Area: 6
Permit Number: Not reported
Permit Status: Not reported

Name: LA PUENTE AUTO ELECTRIC
Address: 908 N SUNSET AVE
City,State,Zip: LA PUENTE, CA 917441849
Region: LA
Permit Category: Not reported
Facility Id: 004374-044244
Facility Type: Not reported
Facility Status: OPEN
Area: 6
Permit Number: Not reported
Permit Status: Not reported

Name: LA PUENTE AUTO ELECTRIC
Address: 908 N SUNSET AVE
City,State,Zip: LA PUENTE, CA 917441849
Region: LA
Permit Category: I
Facility Id: 004374-I04532
Facility Type: 01
Facility Status: Closed
Area: 6
Permit Number: 000011114
Permit Status: Closed

CERS:
Name: LA PUENTE AUTO ELECTRIC
Address: 908 N SUNSET AVE
City,State,Zip: LA PUENTE, CA 91744
Site ID: 189149
CERS ID: T0603764924
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200

LA PUENTE AUTO ELECTRIC (Continued) **U002279465**

Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507

G36 **LA PUENTE AUTO ELECTRIC** **LUST S108745264**
North **908 N SUNSET AVE** **N/A**
1/4-1/2 **LA PUENTE, CA 91744**
0.386 mi.
2039 ft. **Site 2 of 2 in cluster G**

Relative:
Higher

Actual:
322 ft.

LUST:

Name:	LA PUENTE AUTO ELECTRIC
Address:	908 N SUNSET AVE
City,State,Zip:	LA PUENTE, CA 91744
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603764924
Global Id:	T0603764924
Latitude:	34.045347
Longitude:	-117.962499
Status:	Completed - Case Closed
Status Date:	04/11/2005
Case Worker:	JOA
RB Case Number:	Not reported
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	004374-004532
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603764924
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507
Global Id:	T0603764924
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)

LA PUENTE AUTO ELECTRIC (Continued) **S108745264**

Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603764924
Action Type: ENFORCEMENT
Date: 02/10/2009
Action: Closure/No Further Action Letter

Global Id: T0603764924
Action Type: Other
Date: 11/15/2004
Action: Leak Discovery

Global Id: T0603764924
Action Type: Other
Date: 11/15/2004
Action: Leak Reported

LUST:
Global Id: T0603764924
Status: Open - Case Begin Date
Status Date: 11/15/2004

Global Id: T0603764924
Status: Completed - Case Closed
Status Date: 04/11/2005

Global Id: T0603764924
Status: Open - Remediation
Status Date: 04/11/2005

Global Id: T0603764924
Status: Open - Site Assessment
Status Date: 04/11/2005

H37 **DOOLEY FOREST PRODUCTS** **CPS-SLIC S106763907**
SSW **15006 E. NELSON AVE.** **WIP N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91744**
0.387 mi.
2043 ft. **Site 1 of 2 in cluster H**

Relative:
Lower

Actual:
311 ft.

CPS-SLIC:
Name: DOOLEY FOREST PRODUCTS
Address: 15006 E. NELSON AVE.
City,State,Zip: CITY OF INDUSTRY, CA 91744
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 11/18/1993
Global Id: T10000014199
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.03163
Longitude: -117.96524

DOOLEY FOREST PRODUCTS (Continued) **S106763907**

Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0021
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	DOOLEY FOREST PRODUCTS
Address:	15006 E Nelson Ave
City,State,Zip:	CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region:	4
File Number:	102.0021
File Status:	**Historical**
Staff:	AHSU
Facility Suite:	Not reported

I38 **SUNSET FUEL STOP (FORMER)** **HIST CORTESE** **S103962717**
West **322 SUNSET** **N/A**
1/4-1/2 **LA PUENTE, CA 91744**
0.389 mi.
2055 ft. **Site 1 of 2 in cluster I**

Relative: **Lower**
Actual: **307 ft.**

HIST CORTESE:

edr_fname:	SUNSET FUEL STOP (FORMER)
edr_fadd1:	322 SUNSET
City,State,Zip:	LA PUENTE, CA 91744
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	R-26360

I39 **SUNSET FUEL STOP (FORMER)** **LUST** **S103891271**
West **322 SUNSET AVE N** **Cortese** **N/A**
1/4-1/2 **LA PUENTE, CA 91744** **ENF**
0.389 mi. **CERS**
2055 ft. **Site 2 of 2 in cluster I**

Relative: **Lower**
Actual: **307 ft.**

LUST:

Name:	SUNSET FUEL STOP (FORMER)
Address:	322 SUNSET AVE N
City,State,Zip:	LA PUENTE, CA 91744
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705536
Global Id:	T0603705536
Latitude:	34.0372587
Longitude:	-117.9716065
Status:	Completed - Case Closed
Status Date:	12/29/2000
Case Worker:	Not reported
RB Case Number:	R-26360

SUNSET FUEL STOP (FORMER) (Continued) **S103891271**

Local Agency: LOS ANGELES COUNTY
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: T0603705536
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

LUST:
Global Id: T0603705536
Action Type: Other
Date: 09/30/1998
Action: Leak Discovery

Global Id: T0603705536
Action Type: Other
Date: 11/25/1998
Action: Leak Reported

Global Id: T0603705536
Action Type: ENFORCEMENT
Date: 09/26/2000
Action: * Historical Enforcement

LUST:
Global Id: T0603705536
Status: Open - Case Begin Date
Status Date: 09/30/1998

Global Id: T0603705536
Status: Open - Site Assessment
Status Date: 11/25/1998

Global Id: T0603705536
Status: Open - Site Assessment
Status Date: 05/24/1999

Global Id: T0603705536
Status: Completed - Case Closed
Status Date: 12/29/2000

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-26360

SUNSET FUEL STOP (FORMER) (Continued) **S103891271**

Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		No Action Required
Global ID:	T0603705536	
W Global ID:	Not reported	
Staff:	HSP	
Local Agency:	19000	
Cross Street:	VALLEY VIEW	
Enforcement Type:	EF	
Date Leak Discovered:	9/30/1998	
Date Leak First Reported:		11/25/1998
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		4/6/2001
Date the Case was Closed:		12/29/2000
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	Not reported	
Operator:	PAUL MARTINENT	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		389.27142061822133483737629561
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		11/25/1998
Pollution Characterization Began:		5/24/1999
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		9/26/2000
Historical Max MTBE Date:		9/22/1999
Hist Max MTBE Conc in Groundwater:		43
Hist Max MTBE Conc in Soil:		100
Significant Interim Remedial Action Taken:		No
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	ELMER W. LARSEN & D. LARSEN LI	
RP Address:	1026 ENCANTO DR., ARCADIA, CA 91107-6105	
Program:	LUST	
Lat/Long:	34.0375907 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	LOP/MODERATE - POTENTIAL WATER IMPACT	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	AT PRESENT SITE APPEARS TO BE CLOSE TO A CHANGE IN OWNERSHIP & WILL CONTINUE TO OPERATE AS A 24 HR FULLY AUTOMATED CARD-KEY STATION. THE NEW TANKS WILL BE PUT IN SEPARATE ARE FROM THE FORMER TANK; 4/6/01 MONITORING WELL DEST	

SUNSET FUEL STOP (FORMER) (Continued) **S103891271**

CORTESE:

Name:	SUNSET FUEL STOP (FORMER)
Address:	322 SUNSET AVE N
City,State,Zip:	LA PUENTE, CA 91744
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603705536
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

ENF:

Name:	SUNSET FUEL STOP (FORMER)
Address:	322 SUNSET AVE N
City,State,Zip:	LA PUENTE, CA 91744
Region:	4
Facility Id:	259548
Agency Name:	Elmer W. Larsen & D. Larsen Li
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.037326
Place Longitude:	-117.97162
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported

SUNSET FUEL STOP (FORMER) (Continued) **S103891271**

Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	R-26360
Reg Measure Id:	167732
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	227962
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	09/26/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/26/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - R-26360
Description:	Notice of Violation sent 9/26/00 for overdue RAP & additional information.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0

SUNSET FUEL STOP (FORMER) (Continued) **S103891271**

Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CERS:

Name:	SUNSET FUEL STOP (FORMER)
Address:	322 SUNSET AVE N
City,State,Zip:	LA PUENTE, CA 91744
Site ID:	251025
CERS ID:	T0603705536
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507

H40 **EDNA INC.** **LUST** **S101296398**
SSW **15006 NELSON AVE** **Cortese** **N/A**
1/4-1/2 **INDUSTRY, CA 91744** **HIST CORTESE**
0.393 mi. **CERS**
2077 ft. **Site 2 of 2 in cluster H**

Relative: **Lower**
Actual: **311 ft.**

LUST:

Name:	EDNA INC.
Address:	15006 NELSON AVE
City,State,Zip:	INDUSTRY, CA 91744
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703982
Global Id:	T0603703982
Latitude:	34.0322748
Longitude:	-117.9657503
Status:	Completed - Case Closed
Status Date:	09/15/1994
Case Worker:	JOA
RB Case Number:	I-12595
Local Agency:	LOS ANGELES COUNTY
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:	T0603703982
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE

EDNA INC. (Continued) **S101296398**

City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603703982
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603703982
Action Type: Other
Date: 09/15/1987
Action: Leak Reported

LUST:
Global Id: T0603703982
Status: Open - Case Begin Date
Status Date: 09/15/1987

Global Id: T0603703982
Status: Open - Site Assessment
Status Date: 03/20/1989

Global Id: T0603703982
Status: Completed - Case Closed
Status Date: 09/15/1994

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-12595
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603703982
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 9/15/1987
Date Leak Record Entered: 8/4/1989
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 9/15/1994

EDNA INC. (Continued) **S101296398**

Date the Case was Closed:		9/15/1994
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	OLD CASE #121294-32	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		498.391896934337442345978294 41
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		3/20/1989
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	NORTHERN TRUST BANK	
RP Address:	355 GRAND AVE. S., STE. 2600, LOS ANGELES, 90071	
Program:	LUST	
Lat/Long:	34.0322319 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

CORTESE:

Name:	EDNA INC.
Address:	15006 NELSON AVE
City,State,Zip:	INDUSTRY, CA 91744
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603703982
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported

EDNA INC. (Continued) **S101296398**

Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: EDNA INC
edr_fadd1: 15006 NELSON
City,State,Zip: INDUSTRY, CA 91744
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-12595

CERS:
Name: EDNA INC.
Address: 15006 NELSON AVE
City,State,Zip: INDUSTRY, CA 91744
Site ID: 205863
CERS ID: T0603703982
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

E41 **HEAVY DUTY TRUCK REPAIR INC.** **CPS-SLIC** **S106763944**
SW **233 N. CALIFORNIA AVE.** **WIP** **N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91744**
0.397 mi.
2098 ft. **Site 4 of 4 in cluster E**

Relative: CPS-SLIC:
Lower Name: HEAVY DUTY TRUCK REPAIR INC.
Actual: Address: 233 N. CALIFORNIA AVE.
306 ft. City,State,Zip: CITY OF INDUSTRY, CA 91744
Region: STATE
Facility Status: **Completed - Case Closed**

HEAVY DUTY TRUCK REPAIR INC. (Continued) **S106763944**

Status Date:	12/21/1987
Global Id:	T10000014244
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03321
Longitude:	-117.96808
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0071
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	HEAVY DUTY TRUCK REPAIR INC.
Address:	233 N California Ave
City,State,Zip:	CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region:	4
File Number:	102.0071
File Status:	**Historical**
Staff:	PBC
Facility Suite:	Not reported

J42 **SCOTT-CAUDILL LUMBER CO., INC.** **CPS-SLIC** **S102062992**
WSW **14624 E. NELSON AVE.** **SWEEPS UST** **N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91744**
0.408 mi.
2155 ft. **Site 1 of 2 in cluster J**

Relative:
Lower

Actual:
307 ft.

CPS-SLIC:

Name:	SCOTT-CAUDILL LUMBER CO., INC.
Address:	14624 E. NELSON AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	09/07/1990
Global Id:	T10000014415
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03435
Longitude:	-117.97292
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0231
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

SCOTT-CAUDILL LUMBER CO., INC. (Continued) **S102062992**

SWEEPS UST:

Name:	SCOTT CAUDILL LUMBER COMPANY
Address:	14624 E NELSON AVE
City:	INDUSTRY
Status:	Not reported
Comp Number:	13029
Number:	Not reported
Board Of Equalization:	44-010021
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-013029-000001
Tank Status:	Not reported
Capacity:	6000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

F43 **CUSTOM MILLS INC.** **CPS-SLIC S106764027**
WSW **14700 E. NELSON AVE.** **WIP N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91744**
0.411 mi.
2169 ft. **Site 4 of 5 in cluster F**

Relative:
Lower

Actual:
307 ft.

CPS-SLIC:

Name:	CUSTOM MILLS INC.
Address:	14700 E. NELSON AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/24/1992
Global Id:	T10000014382
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03501
Longitude:	-117.96987
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0189
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	CUSTOMS MILLS INC.
Address:	14700 E Nelson Ave
City,State,Zip:	CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region:	4
File Number:	102.0189
File Status:	**Historical**

CUSTOM MILLS INC. (Continued) **S106764027**

Staff: JCL
Facility Suite: Not reported

F44 **CITY OF INDUSTRY** **CPS-SLIC** **S113782098**
WSW **14700 NELSON AVE** **HAZNET** **N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91744** **HWTS**
0.411 mi.
2169 ft. **Site 5 of 5 in cluster F**

Relative:
Lower

Actual:
307 ft.

CPS-SLIC:

Name:	PORTOR HARDWOOD LUMBER CO.
Address:	14700 NELSON AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/07/1990
Global Id:	T10000014389
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03501
Longitude:	-117.96987
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0198
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HAZNET:

Name:	CITY OF INDUSTRY
Address:	14700 NELSON AVE
Address 2:	Not reported
City,State,Zip:	CITY OF INDUSTRY, CA 917444327
Contact:	KEVIN RADECKI
Telephone:	6263332211
Mailing Name:	Not reported
Mailing Address:	15625 STAFFORD ST
Year:	2012
Gepaid:	CAC002696487
TSD EPA ID:	AZC950823111
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	2

Additional Info:

Year:	2012
Gen EPA ID:	CAC002696487
Shipment Date:	20120619
Creation Date:	5/29/2013 22:15:15

CITY OF INDUSTRY (Continued) **S113782098**

Receipt Date:	20120628
Manifest ID:	004647552FLE
Trans EPA ID:	CAR000049064
Trans Name:	ECTI
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZC950823111
Trans Name:	LA PAZ COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	2
Waste Quantity:	5
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	CITY OF INDUSTRY
Address:	14700 NELSON AVE
Address 2:	Not reported
City,State,Zip:	CITY OF INDUSTRY, CA 917444327
EPA ID:	CAC002696487
Inactive Date:	09/14/2012
Create Date:	06/15/2012
Last Act Date:	06/15/2012
Mailing Name:	Not reported
Mailing Address:	15625 STAFFORD ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CITY OF INDUSTRY, CA 917443922
Owner Name:	CITY OF INDUSTRY
Owner Address:	15625 STAFFORD ST
Owner Address 2:	Not reported
Owner City,State,Zip:	CITY OF INDUSTRY, CA 917443922
Contact Name:	KEVIN RADECKI
Contact Address:	15625 STAFFORD ST
Contact Address 2:	Not reported
City,State,Zip:	CITY OF INDUSTRY, CA 917443922

K45 **M-BRO CORPORATION** **CPS-SLIC S106763979**
SSW **212 N. CALIFORNIA AVE.** **WIP N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91744**
0.418 mi.
2209 ft. **Site 1 of 4 in cluster K**

Relative: **Lower**
Actual: **304 ft.**

CPS-SLIC:

Name:	M-BRO CORPORATION
Address:	212 N. CALIFORNIA AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**

M-BRO CORPORATION (Continued) **S106763979**

Status Date:	01/01/1986
Global Id:	T10000014313
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03242
Longitude:	-117.96765
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0125
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	M-BRO CORPORATION
Address:	212 N California Ave
City,State,Zip:	CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region:	4
File Number:	102.0125
File Status:	**Historical**
Staff:	AHSU
Facility Suite:	Not reported

K46 **PUENTE READY MIX** **LUST** **S104160200**
SW **209 CALIFORNIA AVE N** **Cortese** **N/A**
1/4-1/2 **INDUSTRY, CA 91744** **HIST CORTESE**
0.429 mi. **CERS**
2263 ft. **Site 2 of 4 in cluster K**

Relative:
Lower

Actual:
305 ft.

LUST:

Name:	PUENTE READY MIX
Address:	209 CALIFORNIA AVE N
City,State,Zip:	INDUSTRY, CA 91744
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703867
Global Id:	T0603703867
Latitude:	34.032913
Longitude:	-117.968619
Status:	Completed - Case Closed
Status Date:	02/22/1993
Case Worker:	JOA
RB Case Number:	I-11901
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0603703867
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO

PUENTE READY MIX (Continued) **S104160200**

Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603703867
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603703867
Action Type: Other
Date: 06/08/1988
Action: Leak Discovery

Global Id: T0603703867
Action Type: Other
Date: 10/20/1989
Action: Leak Reported

LUST:
Global Id: T0603703867
Status: Open - Case Begin Date
Status Date: 06/08/1988

Global Id: T0603703867
Status: Open - Site Assessment
Status Date: 10/20/1989

Global Id: T0603703867
Status: Completed - Case Closed
Status Date: 02/22/1993

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-11901
Status: Case Closed
Substance: Diesel
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603703867
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: NELSON

PUENTE READY MIX (Continued) **S104160200**

Enforcement Type:	Not reported	
Date Leak Discovered:	6/8/1988	
Date Leak First Reported:		10/20/1989
Date Leak Record Entered:	10/29/1989	
Date Confirmation Began:	10/20/1989	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		2/22/1993
Date the Case was Closed:		2/22/1993
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	Overfill	
Leak Source:	Other Source	
Operator:	BIANG, RON	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		890.351583952804127004677648 2
Source of Cleanup Funding:		Other Source
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	PUENTE READY MIX	
RP Address:	209 N CALIFORNIA AVE, CITY OF INDUSTRY, 91744	
Program:	LUST	
Lat/Long:	34.0320069 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

CORTESE:

Name:	PUENTE READY MIX
Address:	209 CALIFORNIA AVE N
City,State,Zip:	INDUSTRY, CA 91744
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603703867
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported

PUENTE READY MIX (Continued) **S104160200**

Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	PUENTE READY MIX
edr_fadd1:	209 CALIFORNIA
City,State,Zip:	INDUSTRY, CA 91744
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-11901

CERS:

Name:	PUENTE READY MIX
Address:	209 CALIFORNIA AVE N
City,State,Zip:	INDUSTRY, CA 91744
Site ID:	189984
CERS ID:	T0603703867
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

K47
SW
1/4-1/2
0.429 mi.
2263 ft.

Relative:
Lower

Actual:
305 ft.

PUENTE READY MIX
209 N CALIFORNIA AVE
CITY OF INDUSTRY, CA 91744

Site 3 of 4 in cluster K

CPS-SLIC **S101618904**
CERS HAZ WASTE **N/A**
SWEEPS UST
CA FID UST
CERS TANKS
EMI
HAZNET
LOS ANGELES CO. HMS
NPDES
WDS
WIP
CIWQS
CERS
HWTS

CPS-SLIC:

Name:	WEST COAST SLURRY
Address:	209 N. CALIFORNIA AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	10/10/1996
Global Id:	T10000014287
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03288
Longitude:	-117.9683
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0097
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Name:	PUENTE READY MIX
Address:	209 N. CALIFORNIA AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/21/1995
Global Id:	T10000014355
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03288
Longitude:	-117.9683
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.016
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

PUENTE READY MIX (Continued) **S101618904**

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:

Name:	PUENTE READY MIX INC
Address:	209 N CALIFORNIA AVE
City,State,Zip:	INDUSTRY, CA 91744
Site ID:	59176
CERS ID:	10283617
CERS Description:	Hazardous Waste Generator

SWEEPS UST:

Name:	PUENTE READY MIX INC
Address:	209 N CALIFORNIA AVE
City:	INDUSTRY
Status:	Active
Comp Number:	11901
Number:	1
Board Of Equalization:	44-009556
Referral Date:	04-22-92
Action Date:	04-22-92
Created Date:	06-30-89
Owner Tank Id:	1
SWRCB Tank Id:	19-000-011901-000001
Tank Status:	A
Capacity:	20000
Active Date:	04-22-92
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	4

Name:	PUENTE READY MIX INC
Address:	209 N CALIFORNIA AVE
City:	INDUSTRY
Status:	Active
Comp Number:	11901
Number:	1
Board Of Equalization:	44-009556
Referral Date:	04-22-92
Action Date:	04-22-92
Created Date:	06-30-89
Owner Tank Id:	2
SWRCB Tank Id:	19-000-011901-000002
Tank Status:	A
Capacity:	10000
Active Date:	04-22-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	PUENTE READY MIX INC
Address:	209 N CALIFORNIA AVE
City:	INDUSTRY
Status:	Active

PUENTE READY MIX (Continued) **S101618904**

Comp Number: 11901
Number: 1
Board Of Equalization: 44-009556
Referral Date: 04-22-92
Action Date: 04-22-92
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-011901-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: PUENTE READY MIX INC
Address: 209 N CALIFORNIA AVE
City: INDUSTRY
Status: Active
Comp Number: 11901
Number: 1
Board Of Equalization: 44-009556
Referral Date: 04-22-92
Action Date: 04-22-92
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-011901-000004
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19002152
Regulated By: UTNKA
Regulated ID: 00005447
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8189680711
Mail To: Not reported
Mailing Address: 209 N CALIFORNIA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: INDUSTRY 91744
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CERS TANKS:

PUENTE READY MIX (Continued) **S101618904**

Name: PUENTE READY MIX INC
Address: 209 N CALIFORNIA AVE
City,State,Zip: INDUSTRY, CA 91744
Site ID: 59176
CERS ID: 10283617
CERS Description: Underground Storage Tank

EMI:

Name: PUENTE READY MIX INC
Address: 209 N CALIFORNIA AVE
City,State,Zip: CITY OF INDUSTRY, CA 91744
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 15159
Air District Name: SC
SIC Code: 3273
Air District Name: SOUTH COAST AQMD
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: 2
Part. Matter 10 Micrometers and Smllr Tons/Yr: 2

Name: PUENTE READY MIX INC
Address: 209 N CALIFORNIA AV
City,State,Zip: INDUSTRY, CA 91744
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 15159
Air District Name: SC
SIC Code: 3273
Air District Name: SOUTH COAST AQMD
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: 1
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: PUENTE READY MIX INC
Address: 209 N CALIFORNIA AVE
City,State,Zip: CITY OF INDUSTRY, CA 91744
Year: 2002
County Code: 19
Air Basin: SC
Facility ID: 15159
Air District Name: SC
SIC Code: 3273

PUENTE READY MIX (Continued) **S101618904**

Air District Name:	SOUTH COAST AQMD
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

Name:	PUENTE READY MIX INC
Address:	209 N CALIFORNIA AVE
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	15159
Air District Name:	SC
SIC Code:	3273
Air District Name:	SOUTH COAST AQMD
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

Name:	PUENTE READY MIX INC
Address:	209 N CALIFORNIA AVE
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	15159
Air District Name:	SC
SIC Code:	3273
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.0115689
Reactive Organic Gases Tons/Yr:	0.01
Carbon Monoxide Emissions Tons/Yr:	0.000175
NOX - Oxides of Nitrogen Tons/Yr:	0.00065
SOX - Oxides of Sulphur Tons/Yr:	0.00000415
Particulate Matter Tons/Yr:	0.2130375
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.2

HAZNET:

Name:	PUENTE READY MIX
Address:	209 N CALIFORNIA AVE
Address 2:	Not reported
City,State,Zip:	CITY OF INDUSTRY, CA 917440345
Contact:	KEVIN KEUNING

PUENTE READY MIX (Continued) **S101618904**

Telephone: 6269680711
Mailing Name: Not reported
Mailing Address: PO BOX 3345

Year: 2019
Gepaid: CAL000308266
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02750

Year: 2016
Gepaid: CAL000308266
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0975

Year: 2009
Gepaid: CAL000308266
TSD EPA ID: CAT080013352
CA Waste Code: 241 - Tank bottom waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.6255

Year: 2006
Gepaid: CAL000308266
TSD EPA ID: CAD981696420
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.209

Year: 2006
Gepaid: CAL000308266
TSD EPA ID: CAD028409019
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.36

Additional Info:
Year: 2006
Gen EPA ID: CAL000308266

Shipment Date: 20060912
Creation Date: 3/30/2007 13:31:06
Receipt Date: 20060913
Manifest ID: 001465564JJK
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981696420

PUENTE READY MIX (Continued) **S101618904**

Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060912
Creation Date:	3/30/2007 13:31:06
Receipt Date:	20060918
Manifest ID:	001464533JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.36
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000308266
Shipment Date:	20090123
Creation Date:	3/31/2009 18:30:30
Receipt Date:	20090129
Manifest ID:	000274927JJK
Trans EPA ID:	CAR000189431
Trans Name:	ADAMS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics

PUENTE READY MIX (Continued) **S101618904**

RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

LOS ANGELES CO. HMS:

Name:	PUENTE READY MIX INC
Address:	209 N CALIFORNIA AVE
City,State,Zip:	CITY OF INDUSTRY, CA 917444324
Region:	LA
Permit Category:	T
Facility Id:	011834-011901
Facility Type:	0
Facility Status:	Permit
Area:	6H
Permit Number:	00003477T
Permit Status:	Permit

NPDES:

Name:	PUENTE READY MIX INC
Address:	209 N CALIFORNIA AVE
City,State,Zip:	CITY OF INDUSTRY, CA 91744
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:	4 19I002991
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	04/02/1992
Operator Name:	Puente Ready Mix Inc
Operator Address:	PO Box 3345
Operator City:	City Of Industry
Operator State:	California
Operator Zip:	91744

PUENTE READY MIX (Continued) **S101618904**

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	189078
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I002991
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/02/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Puente Ready Mix Inc
Discharge Address:	PO Box 3345
Discharge City:	City Of Industry
Discharge State:	California
Discharge Zip:	91744
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

PUENTE READY MIX (Continued) **S101618904**

Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	189078
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I002991
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/02/1992
Status:	Active
Status Date:	04/02/1992
Place Size:	2
Place Size Unit:	Acres
Contact:	Ron Biang
Contact Title:	President
Contact Phone:	6269680711
Contact Phone Ext:	Not reported
Contact Email:	Rnbiang@aol.com
Operator Name:	Puente Ready Mix Inc
Operator Address:	PO Box 3345
Operator City:	City Of Industry
Operator State:	California
Operator Zip:	91744
Operator Contact:	Ron Biang
Operator Contact Title:	President

PUENTE READY MIX (Continued) **S101618904**

Operator Contact Phone:	626-968-0711
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Rnbiang@aol.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	626-968-0711
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Jose Creek
Certifier:	Ronald Biang
Certifier Title:	President
Certification Date:	02-FEB-15
Primary Sic:	3273-Ready-Mixed Concrete
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	PUENTE READY MIX INC
Address:	209 N CALIFORNIA AVE
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	189078
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19I002991
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/02/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported

PUENTE READY MIX (Continued) **S101618904**

Discharge Address:	PO Box 3345
Discharge Name:	Puente Ready Mix Inc
Discharge City:	City Of Industry
Discharge State:	California
Discharge Zip:	91744
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	189078
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I002991
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/02/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Puente Ready Mix Inc
Discharge Address:	PO Box 3345
Discharge City:	City Of Industry
Discharge State:	California
Discharge Zip:	91744
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

PUENTE READY MIX (Continued) **S101618904**

Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	189078
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I002991
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/02/1992
Status:	Active
Status Date:	04/02/1992
Place Size:	2
Place Size Unit:	Acres

PUENTE READY MIX (Continued) **S101618904**

Contact:	Ron Biang
Contact Title:	President
Contact Phone:	6269680711
Contact Phone Ext:	Not reported
Contact Email:	Rnbiang@aol.com
Operator Name:	Puente Ready Mix Inc
Operator Address:	PO Box 3345
Operator City:	City Of Industry
Operator State:	California
Operator Zip:	91744
Operator Contact:	Ron Biang
Operator Contact Title:	President
Operator Contact Phone:	626-968-0711
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Rnbiang@aol.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	626-968-0711
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Jose Creek
Certifier:	Ronald Biang
Certifier Title:	President
Certification Date:	02-FEB-15
Primary Sic:	3273-Ready-Mixed Concrete
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	PUENTE READY MIX INC.
Address:	209 N California Ave
City:	CITY OF INDUSTRY (CORPORATE NAME INDUSTRY)
Facility ID:	4 19I002991

PUENTE READY MIX (Continued) **S101618904**

Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	6269680711
Facility Contact:	Ron Biang
Agency Name:	PUENTE READY MIX INC.
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	3273
SIC Code 2:	Not reported
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste:	STORMS
Waste Type2:	Not reported
Waste2:	Stormwater Runoff
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

WIP:

Name:	WEST COAST SLURRY
Address:	209 N California Ave
City,State,Zip:	CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region:	4
File Number:	102.0097
File Status:	**Historical**
Staff:	PBC
Facility Suite:	Not reported

PUENTE READY MIX (Continued) **S101618904**

Name: PUENTE READY MIX
Address: 209 N California Ave
City,State,Zip: CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region: 4
File Number: 102.0160
File Status: Historical
Staff: RWANG
Facility Suite: Not reported

CIWQS:

Name:	PUENTE READY MIX INC
Address:	209 N CALIFORNIA AVE
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Agency:	Puente Ready Mix Inc
Agency Address:	PO Box 3345, City Of Industry, CA 91744
Place/Project Type:	Industrial - Ready-Mixed Concrete
SIC/NAICS:	3273
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19I002991
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/02/1992
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.03256
Longitude:	-117.96828

CERS:

Name:	PUENTE READY MIX INC
Address:	209 N CALIFORNIA AVE
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Site ID:	540097
CERS ID:	251043
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	540097
Site Name:	Puente Ready Mix Inc
Violation Date:	7/2/1996
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Late Report
Violation Notes:	Failed to submit 1995-1996 Annual Report.
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS

Site ID: 540097

PUENTE READY MIX (Continued) **S101618904**

Site Name: Puente Ready Mix Inc
Violation Date: 7/2/1999
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failed to submit 1998-1999 Annual Report.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 540097
Site Name: Puente Ready Mix Inc
Violation Date: 10/19/2004
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: Unauthorized Discharge
Violation Notes: Oily sheen water discharge to soil strip from waste oil tanks 2ndary continment area via an outlet.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 540097
Site Name: Puente Ready Mix Inc
Violation Date: 7/2/1993
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failed to submit 1992-1993 Annual Report.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 540097
Site Name: Puente Ready Mix Inc
Violation Date: 7/2/1997
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failed to submit 1996-1997 Annual Report.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 540097
Site Name: Puente Ready Mix Inc
Violation Date: 7/2/1998
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failed to submit 1997-1998 Annual Report.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 540097
Site Name: Puente Ready Mix Inc
Violation Date: 7/2/1995
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failed to submit 1994-1995 Annual Report.
Violation Division: Water Boards

PUENTE READY MIX (Continued) **S101618904**

Violation Program: INDSTW
Violation Source: SMARTS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2003
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Facility was in compliance in general during the inspection. Minor oil stains were observed on the exterior of the containment structure. (See the report for the details.)
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-19-2004
Violations Found: Yes
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: -No evidence of discharge was noted at the time -the plant is inactive during rainy day -Turck washing water and rinse water are diverted to low pts on site and pumped into batch plant to recycle in the process -gregate piles w/in compartments w/o cover. Issued NTC.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Enforcement Action:
Site ID: 540097
Site Name: Puente Ready Mix Inc
Site Address: 209 N CALIFORNIA AVE
Site City: CITY OF INDUSTRY
Site Zip: 91744
Enf Action Date: 10-19-2004
Enf Action Type: Notice to Comply
Enf Action Description: Notice to Comply
Enf Action Notes: NSW discharge. Recommended to plug the outlet and pump out waste water and dispose it properly.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Site ID: 540097
Site Name: Puente Ready Mix Inc
Site Address: 209 N CALIFORNIA AVE
Site City: CITY OF INDUSTRY
Site Zip: 91744
Enf Action Date: 12-01-1993
Enf Action Type: Industrial Storm Water Enforcement
Enf Action Description: Industrial Storm Water Enforcement
Enf Action Notes: Ordered to submit 1992-1993 Annual Report.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

PUENTE READY MIX (Continued) **S101618904**

Affiliation:
- Affiliation Type Desc: Owner/Operator
- Entity Name: Puente Ready Mix Inc
- Entity Title: Operator
- Affiliation Address: PO Box 3345
- Affiliation City: City Of Industry
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 91744
- Affiliation Phone: Not reported

- Name: PUENTE READY MIX INC
- Address: 209 N CALIFORNIA AVE
- City,State,Zip: INDUSTRY, CA 91744
- Site ID: 59176
- CERS ID: 10283617
- CERS Description: Chemical Storage Facilities

Violations:
- Site ID: 59176
- Site Name: PUENTE READY MIX INC
- Violation Date: 4/14/2015
- Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
- Violation Description: The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.
- Violation Notes: Returned to compliance on 04/23/2015.
- Violation Division: Los Angeles County Department of Public Works
- Violation Program: UST
- Violation Source: CERS

- Site ID: 59176
- Site Name: PUENTE READY MIX INC
- Violation Date: 3/23/2020
- Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
- Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
- Violation Notes: CERS CORR(TANK,PLOT,MON,STATEMENT OF UNDERSTANDING AND COMPLIANCE); OVFL REQUIREMENTS NOT MET;2019 MON CERT ON-SITE NOT ON FILE SUBMIT CORRECTED CERS;VERIFY/TEST BF OR PERM,INSTALL,TEST FLAPPER; SUBMIT COPY OF 2019 MON CERT
- Violation Division: Los Angeles County Department of Public Works
- Violation Program: UST
- Violation Source: CERS

- Site ID: 59176
- Site Name: PUENTE READY MIX INC
- Violation Date: 3/23/2020
- Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
- Violation Description: Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
- Violation Notes: CERS CORR(TANK,PLOT,MON,STATEMENT OF UNDERSTANDING AND COMPLIANCE); OVFL REQUIREMENTS NOT MET;2019 MON CERT ON-SITE NOT ON FILE SUBMIT

PUENTE READY MIX (Continued) **S101618904**

CORRECTED CERS;VERIFY/TEST BF OR PERM,INSTALL,TEST FLAPPER; SUBMIT COPY OF 2019 MON CERT
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 3/23/2020
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description: Failure to submit the G Monitoring System Certification FormG to the UPA within 30 days of completion of the test.
Violation Notes: CERS CORR(TANK,PLOT,MON,STATEMENT OF UNDERSTANDING AND COMPLIANCE); OVFL REQUIREMENTS NOT MET;2019 MON CERT ON-SITE NOT ON FILE SUBMIT CORRECTED CERS;VERIFY/TEST BF OR PERM,INSTALL,TEST FLAPPER; SUBMIT COPY OF 2019 MON CERT
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 4/12/2016
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.
Violation Notes: Returned to compliance on 04/12/2017.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 4/14/2015
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Returned to compliance on 04/23/2015.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 3/30/2018
Citation: 23 CCR 16 2635(c)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(c)(8)
Violation Description: Failure to submit as-built plans for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application.
Violation Notes: Returned to compliance on 10/17/2019. PER WORK ORDER DATED 041017- VR 208 SENSOR IN DSL #2/10K STP SUMP SUBMIT PERMIT FOR REPLACED SENSOR.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST

PUENTE READY MIX (Continued) **S101618904**

Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 3/8/2019
Citation: 23 CCR 16 2635(e)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(e)(8)
Violation Description: Failure to submit as-built plans for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application.
Violation Notes: Returned to compliance on 10/18/2019. PER WORK ORDER DATED 041017- VR 208 SENSOR IN DSL #2/10K STP SUMP SUBMIT PERMIT FOR REPLACED SENSOR.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 4/14/2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 04/23/2015.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 8/23/2019
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: OBSERVATION: The business failed to update business plan within 30 days when one of the following occurs: a 100 percent or more increase in the quantity of a previously disclosed material; any handling of a previously undisclosed hazardous material; a change of business address, business ownership, or business name; or a substantial change in the handler's operations that requires modification to any portion of the business plan. It was observed there was a change in product which was not reported. It was also observed that the following was on site and not included on the inventory submitted on 3/5/19: 275 gallon tote DEF CORRECTIVE ACTION: Update all submittal elements effected by the change(s) and electronically submit the update within 30 days.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 3/23/2020

PUENTE READY MIX (Continued) **S101618904**

Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	CERS CORR(TANK,PLOT,MON,STATEMENT OF UNDERSTANDING AND COMPLIANCE); OVFL REQUIREMENTS NOT MET;2019 MON CERT ON-SITE NOT ON FILE SUBMIT CORRECTED CERS;VERIFY/TEST BF OR PERM,INSTALL,TEST FLAPPER; SUBMIT COPY OF 2019 MON CERT
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	59176
Site Name:	PUENTE READY MIX INC
Violation Date:	4/12/2016
Citation:	HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description:	Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes:	Returned to compliance on 04/12/2017.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS
Site ID:	59176
Site Name:	PUENTE READY MIX INC
Violation Date:	3/16/2016
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 a site map with all required content.
Violation Notes:	Returned to compliance on 05/21/2016. OBSERVATION: A complete annotated site map has not been submitted to the CUPA. A review of the site map that was submittted to CERS on 2/10/16 revealed that the map was missing the evacuation staging area(s), and the lcoation of some

PUENTE READY MIX (Continued) **S101618904**

of the hazardous materials (tanks and compressed gases). CORRECTIVE ACTION: Complete an annotated site map and submit electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 3/23/2020
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: CERS CORR(TANK,PLOT,MON,STATEMENT OF UNDERSTANDING AND COMPLIANCE); OVFL REQUIREMENTS NOT MET;2019 MON CERT ON-SITE NOT ON FILE SUBMIT CORRECTED CERS;VERIFY/TEST BF OR PERM,INSTALL,TEST FLAPPER; SUBMIT COPY OF 2019 MON CERT
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 3/8/2019
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.
Violation Notes: Returned to compliance on 10/18/2019. PER WORK ORDER DATED 041017- VR 208 SENSOR IN DSL #2/10K STP SUMP SUBMIT PERMIT FOR REPLACED SENSOR.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 4/12/2016
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 04/12/2017.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 3/23/2020
Citation: 23 CCR 16 2637.1(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637.1(e)
Violation Description: Failure to submit a copy of the spill containment test results on the G Spill Container Testing Report FormG to the UPA within 30 days after the test.
Violation Notes: CERS CORR(TANK,PLOT,MON,STATEMENT OF UNDERSTANDING AND COMPLIANCE); OVFL REQUIREMENTS NOT MET;2019 MON CERT ON-SITE NOT ON FILE SUBMIT

PUENTE READY MIX (Continued) **S101618904**

CORRECTED CERS;VERIFY/TEST BF OR PERM,INSTALL,TEST FLAPPER; SUBMIT COPY OF 2019 MON CERT
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 3/23/2020
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Description: Failure to submit the G Underground Storage Tank Statement of Understanding and Compliance Form.G
Violation Notes: CERS CORR(TANK,PLOT,MON,STATEMENT OF UNDERSTANDING AND COMPLIANCE); OVFL REQUIREMENTS NOT MET;2019 MON CERT ON-SITE NOT ON FILE SUBMIT CORRECTED CERS;VERIFY/TEST BF OR PERM,INSTALL,TEST FLAPPER; SUBMIT COPY OF 2019 MON CERT
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 3/16/2016
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 05/21/2016. OBSERVATION: The facility has not submitted a complete and accurate Hazardous Materials Inventory Chemical Description page to the CUPA. During a tour of the facility revealed that the 55 G drum of coolant was not listed on the hazardous mateiral materials inventory. CORRECTIVE ACTION: Complete and submit the Hazardous Materials Inventory Chemical Description page for all materials listed above electronically in the California Environmental Reporting System (CERS).
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 8/23/2019
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes: Returned to compliance on 08/28/2019. OBSERVATION: Bills of lading for used oil and fuel filters were not available at the time of inspection. CORRECTIVE ACTION: Obtain copies of all bills of lading for used oil and fuel filters for the past three years and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

PUENTE READY MIX (Continued) **S101618904**

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 3/23/2020
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: CERS CORR(TANK,PLOT,MON,STATEMENT OF UNDERSTANDING AND COMPLIANCE); OVFL REQUIREMENTS NOT MET;2019 MON CERT ON-SITE NOT ON FILE SUBMIT CORRECTED CERS;VERIFY/TEST BF OR PERM,INSTALL,TEST FLAPPER; SUBMIT COPY OF 2019 MON CERT
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 3/23/2020
Citation: 23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8)
Violation Description: Failure to submit or maintain a current facility plot plan.
Violation Notes: CERS CORR(TANK,PLOT,MON,STATEMENT OF UNDERSTANDING AND COMPLIANCE); OVFL REQUIREMENTS NOT MET;2019 MON CERT ON-SITE NOT ON FILE SUBMIT CORRECTED CERS;VERIFY/TEST BF OR PERM,INSTALL,TEST FLAPPER; SUBMIT COPY OF 2019 MON CERT
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Site ID: 59176
Site Name: PUENTE READY MIX INC
Violation Date: 4/14/2015
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.
Violation Notes: Returned to compliance on 04/23/2015.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: VR 208 IN DSL 2/10K SUMP REPLACED W/O PERMIT; PERMIT REQUIRED; CERS SUBMITTAL ACCEPTED 033018; RECORDS MAINTAINED.
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: SENSORS IN PLACE; SUMPS/SPBKS/UDCS WERE CLEAN AND DRY. CERS DATED

PUENTE READY MIX (Continued) **S101618904**

	04/03/2017 WAS ACCEPTED; OTHER DOCS/CERTS ONSITE AND CURRENT.
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-16-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Randall Elliott, Plant Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-23-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Randall Elliott, Operations Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-23-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	CERS CORR(TANK,PLOT,MON,STATEMENT OF UNDERSTANDING AND COMPLIANCE); OVFL REQUIREMENTS NOT MET;2019 MON CERT ON-SITE NOT ON FILE
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-12-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	NOV-CERS CORRECTIONS:FACILITY INFO,MON PLAN,MON SITE PLAN;VR TLS 350 MON-CERT 041415,SCTR-041415,VR 205-3 SUMPS,VR 208-1 SUMP&2 UDC,AN420
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
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:	NEED TO CORRECT CERS INCORRECTLY LISTED ITEMS. TANK TEST PASSED, ALL SUMPS/UDC'S CLEAN, DRY. SENSORS AT LOWEST PT. V/R STATING ALL NORMAL
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-08-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency

PUENTE READY MIX (Continued) **S101618904**

Eval Notes: NOVC:FAILED TO APPLY FOR SENSOR REPLACEMENT. SENSORS IN PLACE; OVERFILL REPORT WAS DONE ON TIME; CERS DATED 10/16/18 WAS ACCEPTED
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-16-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Randall Elliott, Plant Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-09-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-23-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Randall Elliott, Operations Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: RONALD BIANG
Entity Title: Not reported
Affiliation Address: 209 N. CALIFORNIA AVE.
Affiliation City: INDUSTRY
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91744
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: PUENTE READY MIX, INC.
Entity Title: Not reported
Affiliation Address: 209 N. CALIFORNIA AVE.
Affiliation City: INDUSTRY
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91744-0345
Affiliation Phone: (626) 968-0711

Affiliation Type Desc: Operator
Entity Name: PUEMTE READY MIX, INC.
Entity Title: Not reported

PUENTE READY MIX (Continued) **S101618904**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 968-0711
Affiliation Type Desc:	Parent Corporation
Entity Name:	PUENTE READY MIX INC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	PUENTE READY MIX
Entity Title:	Not reported
Affiliation Address:	PO BOX 3345
Affiliation City:	INDUSTRY
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91744
Affiliation Phone:	(626) 968-0711
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	RON BIANG
Entity Title:	PRESIDENT
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 968-0711
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000
Affiliation Type Desc:	UST Tank Operator
Entity Name:	PUENTE READY MIX INC
Entity Title:	Not reported
Affiliation Address:	209 N CALIFORNIA AVE.
Affiliation City:	INDUSTRY
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91744
Affiliation Phone:	(626) 968-0711

PUENTE READY MIX (Continued) **S101618904**

Affiliation Type Desc:	Document Preparer
Entity Name:	Greg Roberts
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 Property Owner Name
Entity Name:	LEONARIE HOLDINGS LLC AND RONALD N & MARCIA R BIANG FAMILY TRUST
Entity Title:	Not reported
Affiliation Address:	209 N CALIFORNIA AVE.
Affiliation City:	INDUSTRY
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91744
Affiliation Phone:	(626) 968-0711

Affiliation Type Desc:	UST Tank Owner
Entity Name:	PUENTE READY MIX INC
Entity Title:	Not reported
Affiliation Address:	209 N CALIFORNIA AVE.
Affiliation City:	INDUSTRY
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91744
Affiliation Phone:	(626) 968-0711

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO BOX 3345
Affiliation City:	INDUSTRY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91744-034
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Ronald Biang
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

HWTS:

Name:	PUENTE READY MIX
Address:	209 N CALIFORNIA AVE
Address 2:	Not reported
City,State,Zip:	CITY OF INDUSTRY, CA 917444324
EPA ID:	CAL000308266

PUENTE READY MIX (Continued) **S101618904**

Inactive Date:	Not reported
Create Date:	06/23/2006
Last Act Date:	07/14/2020
Mailing Name:	Not reported
Mailing Address:	PO BOX 3345
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CITY OF INDUSTRY, CA 917440345
Owner Name:	PUENTE READY MIX
Owner Address:	209 N CALIFORNIA AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	CITY OF INDUSTRY, CA 917444324
Contact Name:	KEVIN KEUNING
Contact Address:	PO BOX 3345
Contact Address 2:	Not reported
City,State,Zip:	CITY OF INDUSTRY, CA 91744

NAICS:

EPA ID:	CAL000308266
Create Date:	2006-06-23 13:44:37.957
NAICS Code:	32732
NAICS Description:	Ready-Mix Concrete Manufacturing
Issued EPA ID Date:	2006-06-23 13:44:37.91000
Inactive Date:	Not reported
Facility Name:	PUENTE READY MIX
Facility Address:	209 N CALIFORNIA AVE
Facility Address 2:	Not reported
Facility City:	CITY OF INDUSTRY
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917444324

L48 **JK DIESEL REPAIR** **CPS-SLIC** **S104160202**
South **15100 NELSON AVE** **CERS HAZ WASTE** **N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91744** **CHMIRS**
0.438 mi. **HIST CORTESE**
2311 ft. **Site 1 of 4 in cluster L** **CERS**
HWTS

Relative:
Lower

Actual:
313 ft.

CPS-SLIC:

Name:	FORMER TECHALLOY FACILITY
Address:	15100 NELSON AVENUE
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Open - Remediation**
Status Date:	02/28/2013
Global Id:	T10000004390
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.029897
Longitude:	-117.965797
Case Type:	Cleanup Program Site
Case Worker:	EPL
Local Agency:	Not reported
RB Case Number:	102.0136
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Tetrachloroethylene (PCE)

JK DIESEL REPAIR (Continued) **S104160202**

Site History: The Site is a 4.74-acre property located at 15100 East Nelson Avenue in the City of Industry, California. The Site was formerly occupied by LA Signal Construction, Inc. (LA Signal) whose operations included manufacturing and installation of traffic signals between approximately 1997 until 2008. Regional Board case files indicate that LA Signal s operations involved the use of chlorinated solvents including tetrachloroethylene (PCE). The Site is located in the Puente Valley Operable Unit of the San Gabriel Valley Superfund Site.

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:

Name:	JK DIESEL REPAIR
Address:	15100 NELSON AVE
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Site ID:	445864
CERS ID:	10777873
CERS Description:	Hazardous Waste Generator

CHMIRS:

Name:	Not reported
Address:	15100 NELSON AVE
City,State,Zip:	CITY OF INDUSTRY, CA 91744
OES Incident Number:	15-0980
OES notification:	02/19/2015
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Merchant/Business
Cleanup By:	Unknown

JK DIESEL REPAIR (Continued) **S104160202**

Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Unknown
Other:	Not reported
Date/Time:	1100
Year:	2015
Agency:	NRC
Incident Date:	02/12/2015
Admin Agency:	LACoFD Health Haz-Mat
Amount:	Not reported
Contained:	Unknown
Site Type:	Not reported
E Date:	Not reported
Substance:	Unknown Oil
Quantity Released:	Unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Per NRC: " Caller stated that an automotive company has oil leaking all over the ground on the property."

HIST CORTESE:

edr_fname:	TECHALLOY COMPANY
edr_fadd1:	15100 NELSON
City,State,Zip:	INDUSTRY, CA 91744
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-03464

CERS:

Name:	JK DIESEL REPAIR
Address:	15100 NELSON AVE
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Site ID:	445864
CERS ID:	10777873
CERS Description:	Chemical Storage Facilities

JK DIESEL REPAIR (Continued) **S104160202**

Violations:

Site ID:	445864
Site Name:	JK Diesel Repair
Violation Date:	3/15/2018
Citation:	Un-Specified
Violation Description:	Business Plan Program - Administration/Documentation - General Local Ordinance
Violation Notes:	Returned to compliance on 03/15/2018. OBSERVATION: Owner/Operator failed to obtain or maintain an active permit. CORRECTIVE ACTION: Every business or business concern within the jurisdiction of the LACoCUPA and subject to one or more of the program elements shall be required to apply for, pay the permit fees, and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. The permit required under this section shall be posted and conspicuously displayed at the location falling under the requirements of this chapter. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements [Truncated]
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	445864
Site Name:	JK Diesel Repair
Violation Date:	3/15/2018
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 11/27/2018. OBSERVATION: Uniform Hazardous Waste Manifests for used oil were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for used oil and submit copies to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	445864
Site Name:	JK Diesel Repair
Violation Date:	3/15/2018
Citation:	Un-Specified
Violation Description:	Hazardous Waste Generator Program - Administration/Documentation - General Local Ordinance
Violation Notes:	Returned to compliance on 03/15/2018. OBSERVATION: Owner/Operator failed to obtain or maintain an active permit. CORRECTIVE ACTION: Every business or business concern within the jurisdiction of the LACoCUPA and subject to one or more of the program elements shall be required to apply for, pay the permit fees, and obtain from the LACoCUPA a unified program facility permit for the program elements

JK DIESEL REPAIR (Continued) **S104160202**

applicable to such facility prior to the commencement of any business or activity related to any of the program elements. The permit required under this section shall be posted and conspicuously displayed at the location falling under the requirements of this chapter. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 445864
Site Name: JK Diesel Repair
Violation Date: 3/15/2018
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 11/27/2018. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Observation of (HMs) at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet: G (1) 250-gallon container storing used oil G (2) 250-gallon containers storing new oils G (6) 55-gallon metal drums storing HW solids (paper/metal) drained used oil filters G (2) 55-gallon metal drum storing G (3) 55-gallon contaminated fuel (managed as HW) G (1) 75-100gallon container storing unknowns (waste coolant?) CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 445864
Site Name: JK Diesel Repair
Violation Date: 3/15/2018
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 a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 11/27/2018. OBSERVATION: The facility failed to submit a complete Hazardous Materials Business Plan (HMBP) in the California Environmental Reporting System (CERS). CORRECTIVE ACTION: Facility is required to prepare/implement and uploaded into CERS a: G Site map per HSC 25505(a)2 that contains north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. G Disclosure of all Hazardous Materials and Hazardous Waste inventories. Reportable thresholds are 55gallons, 500lbs and/or

JK DIESEL REPAIR (Continued) **S104160202**

200cuft. Please enter maximum storage capacity for each. G Emergency Response Plan G Contingency Plan G Employee training Plan If the facility does not have Emergency Response Plan, Contingency Plan, Employee training Plan, you may complete CERS Consolidated Emergency Response/Contingency Plan instead to satisfy the [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 445864
Site Name: JK Diesel Repair
Violation Date: 3/15/2018
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 11/27/2018. OBSERVATION: Hazardous Materials (HMs) employee training has not been conducted. CORRECTIVE ACTION: Employees training shall be done per HSC 25505(a)4: Training for all new employees and annual training, including refresher courses, for all employees in safety procedures in the event of a release or threatened release of a hazardous material, including emergency response plans and procedures in the event of a release or threatened release of a hazardous material, including, but not limited to, all of the following: G Immediate notification contacts to the appropriate local emergency response personnel and to the unified program agency. G Procedures for the mitigation of a release or threatened release to minimize any potential harm or damage to persons, property, or the environment. G Evacuation plans and procedures, including immediate notice, for the business site.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 445864
Site Name: JK Diesel Repair
Violation Date: 3/15/2018
Citation: 22 CCR 15 66265.174 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.174
Violation Description: Failure to inspect weekly, areas where hazardous waste containers are stored or transferred. The owner or operator shall look for leaking containers and for deterioration of containers and the containment system caused by corrosion or other factors.
Violation Notes: Returned to compliance on 11/27/2018. OBSERVATION: Hazardous Waste (HW) storage area(s) are not being inspected weekly. CORRECTIVE ACTION: Initiate HW storage weekly inspection and submit a copy of the inspection log to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 445864
Site Name: JK Diesel Repair
Violation Date: 3/15/2018
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter

JK DIESEL REPAIR (Continued) **S104160202**

	15, Section(s) 66265.51
Violation Description:	Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water.
Violation Notes:	Returned to compliance on 11/27/2018. OBSERVATION: Facility failed to prepare an Contingency Plan. CORRECTIVE ACTION: The owner or operator shall prepare an Emergency Response Plan designed to minimize hazards to human health or the environment from fires, explosions, or any unplanned release of hazardous waste to air, soil, or surface water. Immediately prepare an Contingency Plan and submit a copy to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	445864
Site Name:	JK Diesel Repair
Violation Date:	3/15/2018
Citation:	22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 11/27/2018. OBSERVATION: Hazardous Waste (HW) storage area - Used oil secondary containment with used oil accumulation - Used absorbent (oily HW solids) accumulation around the used oil storage container CORRECTIVE ACTION: Remove all liquids from the secondary containment and properly dispose. Accumulate used oily absorbent in a metal container and affixed a HW label. Submit photos/documentation to the CUPA demonstrating the spill has been properly removed and managed.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	445864
Site Name:	JK Diesel Repair
Violation Date:	3/15/2018
Citation:	22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description:	Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes:	Returned to compliance on 11/27/2018. OBSERVATION: Failed to provide

JK DIESEL REPAIR (Continued) **S104160202**

annual Hazardous Waste (HW) training to all employees. CORRECTIVE ACTION: All employees who generate/handle HW are required to have initial and annual refresher HW training. Ensure all employees who generate/handle recognize G HW point of generation G HW handling storage and disposal requirements G Emergency procedures regarding hazardous waste spills and/or release Provide training to all employees who generate/handle HW and provide supporting documentation (employee names, date of training, and training topics) to CUPA.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: JAVIER HERRERA, GENERAL MANAGER
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: JAVIER HERRERA, GENERAL MANAGER
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:

Site ID: 445864
Facility Name: JK Diesel Repair
Env Int Type Code: HMBP
Program ID: 10777873
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.

JK DIESEL REPAIR (Continued) **S104160202**

Latitude: 34.030070
Longitude: -117.965860

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: KEVIN GUAN
Entity Title: Not reported
Affiliation Address: 15100 Nelson Ave
Affiliation City: City Of Industry
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91744
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 15100 Nelson Ave
Affiliation City: City Of Industry
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91744
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000

Affiliation Type Desc: Document Preparer
Entity Name: KEVIN GUAN
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: KEVIN GUAN
Entity Title: SECRETORY
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: JAVIER HERRERA
Entity Title: Not reported

JK DIESEL REPAIR (Continued) **S104160202**

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (951) 545-4035

Affiliation Type Desc: Parent Corporation
Entity Name: JK Diesel Repair
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: BAOLONG LOGISTICS
Entity Title: Not reported
Affiliation Address: 15100 Nelson Ave
Affiliation City: City Of Industry
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91744
Affiliation Phone: (626) 617-6663

Name: FORMER TECHALLOY FACILITY
Address: 15100 NELSON AVENUE
City,State,Zip: CITY OF INDUSTRY, CA 91744
Site ID: 238469
CERS ID: T10000004390
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: ERRICK LLAMAS - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W 4th Street Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766783

HWTS:
Name: BINS TRUCKING INC
Address: 15100 NELSON AVE
Address 2: Not reported
City,State,Zip: CITY OF INDUSTRY, CA 917444334
EPA ID: CAC003062112
Inactive Date: 07/02/2020
Create Date: 04/02/2020
Last Act Date: 07/03/2020
Mailing Name: Not reported

JK DIESEL REPAIR (Continued) **S104160202**

Mailing Address: 1120 GINGER LANE
Mailing Address 2: Not reported
Mailing City,State,Zip: CORONA, CA 92879
Owner Name: BIN ZHANG
Owner Address: 15100 NELSON AVE
Owner Address 2: Not reported
Owner City,State,Zip: CITY OF INDUSTRY, CA 917444334
Contact Name: BIN ZHANG
Contact Address: 1120 GINGER LANE
Contact Address 2: Not reported
City,State,Zip: CORONA, CA 92879

NAICS:
EPA ID: CAC003062112
Create Date: 2020-04-02 00:04:48.403
NAICS Code: 811111
NAICS Description: General Automotive Repair
Issued EPA ID Date: 2020-04-02 00:04:48.41700
Inactive Date: 2020-07-02 00:04:48.35700
Facility Name: BINS TRUCKING INC
Facility Address: 15100 NELSON AVE
Facility Address 2: Not reported
Facility City: CITY OF INDUSTRY
Facility County: Not reported
Facility State: CA
Facility Zip: 917444334

Name: NELSON LUBE SERVICE CORPORATION
Address: 15100 NELSON AVE
Address 2: Not reported
City,State,Zip: CITY OF INDUSTRY, CA 91709
EPA ID: CAL000454320
Inactive Date: Not reported
Create Date: 04/27/2020
Last Act Date: 09/30/2020
Mailing Name: Not reported
Mailing Address: 4195 CHINO HILLS PKWY #618
Mailing Address 2: Not reported
Mailing City,State,Zip: CHINO HILLS, CA 91709
Owner Name: ZHIXIAN WANG
Owner Address: 4195 CHINO HILLS PKWY #618
Owner Address 2: Not reported
Owner City,State,Zip: CHINO HILLS, CA 91709
Contact Name: ZHIXIAN WANG
Contact Address: 4195 CHINO HILLS PKWY #618
Contact Address 2: Not reported
City,State,Zip: CHINO HILLS, CA 91709

NAICS:
EPA ID: CAL000454320
Create Date: 2020-04-27 11:17:20.127
NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date: 2020-04-27 11:17:20.11000
Inactive Date: Not reported
Facility Name: NELSON LUBE SERVICE CORPORATION
Facility Address: 15100 NELSON AVE

JK DIESEL REPAIR (Continued) **S104160202**

Facility Address 2: Not reported
Facility City: CITY OF INDUSTRY
Facility County: Not reported
Facility State: CA
Facility Zip: 91709

Name: PARAMOUNT TRANSPORT INC
Address: 15100 NELSON AVE STE 101
Address 2: Not reported
City,State,Zip: CITY OF INDUSTRY, CA 91746
EPA ID: CAL000454896
Inactive Date: Not reported
Create Date: 06/03/2020
Last Act Date: 06/03/2020
Mailing Name: Not reported
Mailing Address: 20687 AMAR RD STE #2-259
Mailing Address 2: Not reported
Mailing City,State,Zip: WALNUT, CA 91789
Owner Name: PARAMOUNT TRANSPORT INC
Owner Address: 20687 AMAR RD STE #2-259
Owner Address 2: Not reported
Owner City,State,Zip: WALNUT, CA 91789
Contact Name: GUAN WANG
Contact Address: 15100 NELSON AVE STE 101
Contact Address 2: Not reported
City,State,Zip: CITY OF INDUSTRY, CA 91746

NAICS:
EPA ID: CAL000454896
Create Date: 2020-06-03 09:20:31.340
NAICS Code: 484230
NAICS Description: Specialized Freight (except Used Goods) Trucking, Long-Distance
Issued EPA ID Date: 2020-06-03 09:20:31.31000
Inactive Date: Not reported
Facility Name: PARAMOUNT TRANSPORT INC
Facility Address: 15100 NELSON AVE STE 101
Facility Address 2: Not reported
Facility City: CITY OF INDUSTRY
Facility County: Not reported
Facility State: CA
Facility Zip: 91746

Name: NELSON LUBE SERVICE CORPORATION
Address: 15100 NELSON AVE
Address 2: Not reported
City,State,Zip: CITY OF INDUSTRY, CA 917444334
EPA ID: CAC003064293
Inactive Date: 07/23/2020
Create Date: 04/23/2020
Last Act Date: 07/24/2020
Mailing Name: Not reported
Mailing Address: 4195 CHINO HILLS PKWY#618
Mailing Address 2: Not reported
Mailing City,State,Zip: CHINO HILLS, CA 91709
Owner Name: ZHIXIAN WANG
Owner Address: 4195 CHINO HILLS PKWY#618

JK DIESEL REPAIR (Continued) **S104160202**

Owner Address 2:	Not reported
Owner City,State,Zip:	CHINO HILLS, CA 91709
Contact Name:	CLAIRE CAO
Contact Address:	4195 CHINO HILLS PKWY#618
Contact Address 2:	Not reported
City,State,Zip:	CHINO HILLS, CA 91709

NAICS:

EPA ID:	CAC003064293
Create Date:	2020-04-23 19:25:57.067
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2020-04-23 19:25:57.08000
Inactive Date:	2020-07-23 19:25:56.94000
Facility Name:	NELSON LUBE SERVICE CORPORATION
Facility Address:	15100 NELSON AVE
Facility Address 2:	Not reported
Facility City:	CITY OF INDUSTRY
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917444334

L49 **TECHALLOY COMPANY INC** **LUST** **S103281782**
South **15100 NELSON AVE E** **Cortese** **N/A**
1/4-1/2 **INDUSTRY, CA 91744** **CERS**
0.438 mi.
2311 ft. **Site 2 of 4 in cluster L**

Relative:
Lower

Actual:
313 ft.

LUST:

Name:	TECHALLOY COMPANY INC
Address:	15100 NELSON AVE E
City,State,Zip:	INDUSTRY, CA 91744
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702917
Global Id:	T0603702917
Latitude:	34.0307416
Longitude:	-117.9636718
Status:	Completed - Case Closed
Status Date:	07/29/1993
Case Worker:	JOA
RB Case Number:	I-03464
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0603702917
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507

TECHALLOY COMPANY INC (Continued) **S103281782**

Global Id: T0603702917
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603702917
Action Type: Other
Date: 08/14/1991
Action: Leak Discovery

Global Id: T0603702917
Action Type: Other
Date: 08/14/1991
Action: Leak Stopped

Global Id: T0603702917
Action Type: Other
Date: 12/09/1991
Action: Leak Reported

LUST:
Global Id: T0603702917
Status: Open - Case Begin Date
Status Date: 10/26/1987

Global Id: T0603702917
Status: Open - Site Assessment
Status Date: 10/26/1987

Global Id: T0603702917
Status: Completed - Case Closed
Status Date: 07/29/1993

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-03464
Status: Case Closed
Substance: Diesel
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603702917
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: CALIFORNIA
Enforcement Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters

TECHALLOY COMPANY INC (Continued) **S103281782**

Date Leak Discovered:	8/14/1991	
Date Leak First Reported:		12/9/1991
Date Leak Record Entered:	12/22/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	8/14/1991	
Date Case Last Changed on Database:		7/29/1993
Date the Case was Closed:		7/29/1993
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	MITCHELL, HAROLD	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		1188.690735260873943675403 7515
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		10/26/1987
Preliminary Site Assessment Began:		10/26/1987
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		1/1/1965
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	SIGMA PROPERTIES INC	
RP Address:	9 BENEDICT PL, GREENWICH, CONNECTICUT 06830	
Program:	LUST	
Lat/Long:	34.0309519 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	OLD CASE #010292-06	

CORTESE:

Name:	TECHALLOY COMPANY INC
Address:	15100 NELSON AVE E
City,State,Zip:	INDUSTRY, CA 91744
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603702917
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported

TECHALLOY COMPANY INC (Continued) **S103281782**

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

CERS:

Name:	TECHALLOY COMPANY INC
Address:	15100 NELSON AVE E
City,State,Zip:	INDUSTRY, CA 91744
Site ID:	253879
CERS ID:	T0603702917
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

L50 **BROUGH INDUSTRIES INC.** **SEMS 1000665980**
South **15100 E NELSON AVE** **ECHO CAD983633710**
1/4-1/2 **CITY OF INDUSTRY, CA 91744**
0.447 mi.
2361 ft. **Site 3 of 4 in cluster L**

Relative:
Lower

Actual:
313 ft.

SEMS:

Site ID:	0904474
EPA ID:	CAD983633710
Name:	BROUGH INDUSTRIES INC.
Address:	15100 E. NELSON AVE.
Address 2:	Not reported
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Cong District:	34
FIPS Code:	06037
Latitude:	Not reported

BROUGH INDUSTRIES INC. (Continued) **1000665980**

Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Detail:

Region: 09
Site ID: 0904474
EPA ID: CAD983633710
Site Name: BROUGH INDUSTRIES INC.
NPL: N
FF: N
OU: 00
Action Code: OO
Action Name: SITE REASS
SEQ: 1
Start Date: 2013-07-01 05:00:00
Finish Date: 10/1/2014 5:00:00 AM
Qual: N
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904474
EPA ID: CAD983633710
Site Name: BROUGH INDUSTRIES INC.
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1993-02-26 05:00:00
Finish Date: 2/26/1993 5:00:00 AM
Qual: H
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904474
EPA ID: CAD983633710
Site Name: BROUGH INDUSTRIES INC.
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1992-04-15 04:00:00
Finish Date: 4/15/1992 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

ECHO:

Envid: 1000665980
Registry ID: 110012189951
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110012189951
Name: BROUGH INDUSTRIES INC.

BROUGH INDUSTRIES INC. (Continued) **1000665980**

Address: 15100 E NELSON AVE
City,State,Zip: CITY OF INDUSTRY, CA 91744

L51 **WOLSEY CO** **RCRA-SQG** **1000473159**
South **15110 E NELSON AVE** **CPS-SLIC** **CAD982461394**
1/4-1/2 **CITY OF INDUSTRY, CA 91744** **FINDS**
0.452 mi. **ECHO**
2388 ft. **Site 4 of 4 in cluster L** **HAZNET**
WIP
Relative: **HWTS**
Lower

Actual: **314 ft.**

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	WOLSEY CO
Handler Address:	15110 E NELSON AVE
Handler City,State,Zip:	CITY OF INDUSTRY, CA 91744
EPA ID:	CAD982461394
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	P O BOX 486
Mailing City,State,Zip:	CITY OF INDUSTRY, CA 91747
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN

WOLSEY CO (Continued) **1000473159**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:33:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOLSEY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED

WOLSEY CO (Continued) **1000473159**

Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: WOLSEY CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1991-01-16 00:00:00.0
Handler Name: WOLSEY CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42131
NAICS Description: LUMBER, PLYWOOD, MILLWORK, AND WOOD PANEL WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CPS-SLIC:
Name: WOLSEY CO.
Address: 15110 E. NELSON AVE.
City,State,Zip: CITY OF INDUSTRY, CA 91744
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 10/30/1996
Global Id: T10000014356
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.03019

WOLSEY CO (Continued) **1000473159**

Longitude: -117.96462
Case Type: Cleanup Program Site
Case Worker: WIP
Local Agency: Not reported
RB Case Number: 102.0161
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

FINDS:
Registry ID: 110002815703

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000473159
Registry ID: 110002815703
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002815703
Name: WOLSEY CO
Address: 15110 E NELSON AVE
City,State,Zip: CITY OF INDUSTRY, CA 91744

HAZNET:
Name: WOLSEY CO
Address: 15110 E NELSON AVE
Address 2: Not reported
City,State,Zip: CITY OF INDUSTRY, CA 917440000
Contact: CANX VQ96 _____AH
Telephone: 8183364575
Mailing Name: Not reported
Mailing Address: PO BOX 486

Year: 1994
Gepaid: CAD982461394
TSD EPA ID: CAD008302903
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: R01 - Recycler
Tons: 0.363

Year: 1991
Gepaid: CAD982461394
TSD EPA ID: CAD008302903
CA Waste Code: -

WOLSEY CO (Continued) **1000473159**

Disposal Method: 01 -
Tons: 0.417

Additional Info:
Year: 1994
Gen EPA ID: CAD982461394

Shipment Date: 19940511
Creation Date: 10/10/1995 0:00:00
Receipt Date: 19940512
Manifest ID: 93027763
Trans EPA ID: CAD009230244
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.363
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

WIP:
Name: WOLSEY CO.
Address: 15110 E Nelson Ave
City,State,Zip: CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region: 4
File Number: 102.0161
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

HWTS:
Name: WOLSEY CO
Address: 15110 E NELSON AVE
Address 2: Not reported
City,State,Zip: CITY OF INDUSTRY, CA 917440000
EPA ID: CAD982461394
Inactive Date: 06/01/1996
Create Date: 01/16/1991
Last Act Date: 09/14/2004
Mailing Name: Not reported
Mailing Address: PO BOX 486
Mailing Address 2: Not reported
Mailing City,State,Zip: CITY OF INDUSTRY, CA 917470000
Owner Name: WOLSEY CO

WOLSEY CO (Continued) **1000473159**

Owner Address:	15110 E NELSON AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	CITY OF INDUSTRY, CA 917440000
Contact Name:	CANX VQ96 _____AH
Contact Address:	15110 E NELSON AVE
Contact Address 2:	Not reported
City,State,Zip:	CITY OF INDUSTRY, CA 917440000

K52 **ACCENT FENCE CO., INC.** **CPS-SLIC** **S106764011**
SSW **180 N. CALIFORNIA AVE.** **WIP** **N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91744**
0.457 mi.
2413 ft. **Site 4 of 4 in cluster K**

Relative:
Lower

Actual:
303 ft.

CPS-SLIC:

Name:	ACCENT FENCE CO., INC.
Address:	180 N. CALIFORNIA AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/09/1990
Global Id:	T10000014357
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03201
Longitude:	-117.96811
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0163
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	ACCENT FENCE CO., INC.
Address:	180 N California Ave
City,State,Zip:	CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region:	4
File Number:	102.0163
File Status:	**Historical**
Staff:	SY
Facility Suite:	Not reported

J53 **THE VANODE COMPANY** **CPS-SLIC** **S106763964**
WSW **228 N. SUNSET AVE.** **WIP** **N/A**
1/4-1/2 **CITY OF INDUSTRY, CA 91744**
0.458 mi.
2420 ft. **Site 2 of 2 in cluster J**

Relative: **Lower**
Actual: **306 ft.**

CPS-SLIC:

Name:	THE VANODE COMPANY
Address:	228 N. SUNSET AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	10/18/1996
Global Id:	T10000014289
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03611
Longitude:	-117.97235
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0099
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	VANODE COMPANY, THE
Address:	228 N Sunset Ave
City,State,Zip:	CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region:	4
File Number:	102.0099
File Status:	**Historical**
Staff:	PBC
Facility Suite:	Not reported

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54 **TOSCO S.S. #5432** **LUST** **S103282004**
East **15135 AMAR RD E** **Cortese** **N/A**
1/4-1/2 **LA PUENTE, CA 91744** **HIST CORTESE**
0.475 mi. **CERS**
2507 ft.

Relative: **Higher**
Actual: **325 ft.**

LUST:

Name:	CKS INVESTMENT INC.
Address:	15135 AMAR RD E
City,State,Zip:	LA PUENTE, CA 91744
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705353
Global Id:	T0603705353
Latitude:	34.038773525
Longitude:	-117.95363903
Status:	Open - Site Assessment
Status Date:	03/05/2009
Case Worker:	JTR
RB Case Number:	R-24695

TOSCO S.S. #5432 (Continued) **S103282004**

Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: Gasoline
Site History: Case Number was originally shown as R-22097 was changed to R-24695 since 22097 was the Industrial Waste File & 24695 is the Tank File.

LUST:
Global Id: T0603705353
Contact Type: Regional Board Caseworker
Contact Name: JEREMIAH ROSE
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4th St. #200
City: LOS ANGELES
Email: jeremiah.rose@waterboards.ca.gov
Phone Number: 2135766760

Global Id: T0603705353
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

LUST:
Global Id: T0603705353
Action Type: ENFORCEMENT
Date: 07/24/2019
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603705353
Action Type: RESPONSE
Date: 10/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: RESPONSE
Date: 04/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: RESPONSE
Date: 07/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: Other
Date: 09/06/1997
Action: Leak Discovery

Global Id: T0603705353
Action Type: RESPONSE
Date: 10/07/2010
Action: Pilot Study/ Treatability Report

TOSCO S.S. #5432 (Continued) **S103282004**

Global Id: T0603705353
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0603705353
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603705353
Action Type: RESPONSE
Date: 04/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: RESPONSE
Date: 04/15/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: RESPONSE
Date: 04/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: RESPONSE
Date: 10/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603705353
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0603705353
Action Type: RESPONSE
Date: 07/15/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0603705353
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0603705353
Action Type: RESPONSE

TOSCO S.S. #5432 (Continued) **S103282004**

Date: 10/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: RESPONSE
Date: 12/31/2019
Action: Soil and Water Investigation Report

Global Id: T0603705353
Action Type: RESPONSE
Date: 06/30/2019
Action: Other Report / Document

Global Id: T0603705353
Action Type: RESPONSE
Date: 04/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: RESPONSE
Date: 10/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: RESPONSE
Date: 04/15/2020
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: RESPONSE
Date: 02/11/2013
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0603705353
Action Type: RESPONSE
Date: 06/29/2019
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0603705353
Action Type: RESPONSE
Date: 05/05/2019
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0603705353
Action Type: RESPONSE
Date: 05/05/2019
Action: Well Destruction Workplan - Regulator Responded

Global Id: T0603705353
Action Type: RESPONSE
Date: 06/30/2019
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0603705353
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Semi-Annually

TOSCO S.S. #5432 (Continued) **S103282004**

Global Id: T0603705353
Action Type: RESPONSE
Date: 10/17/2011
Action: Soil and Water Investigation Workplan

Global Id: T0603705353
Action Type: REMEDIATION
Date: 07/01/1998
Action: Excavation

Global Id: T0603705353
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: Other
Date: 09/06/1997
Action: Leak Reported

Global Id: T0603705353
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0603705353
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603705353
Action Type: ENFORCEMENT
Date: 03/05/2009
Action: Staff Letter

Global Id: T0603705353
Action Type: ENFORCEMENT
Date: 10/24/2019
Action: Deadline Extension

Global Id: T0603705353
Action Type: ENFORCEMENT
Date: 04/05/2019
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603705353
Action Type: ENFORCEMENT
Date: 05/31/2019
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603705353
Action Type: RESPONSE
Date: 09/08/2009
Action: Preliminary Site Assessment Workplan

Global Id: T0603705353
Action Type: RESPONSE

TOSCO S.S. #5432 (Continued) **S103282004**

Date: 07/20/2009
Action: Well Installation Report

Global Id: T0603705353
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603705353
Action Type: RESPONSE
Date: 04/15/2009
Action: Other Report / Document

Global Id: T0603705353
Action Type: RESPONSE
Date: 03/26/2010
Action: CAP/RAP - Feasibility Study Report

Global Id: T0603705353
Action Type: RESPONSE
Date: 03/01/2010
Action: Well Installation Report

Global Id: T0603705353
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0603705353
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603705353
Action Type: RESPONSE
Date: 10/15/2014
Action: Monitoring Report - Semi-Annually

LUST:
Global Id: T0603705353
Status: Open - Case Begin Date
Status Date: 09/06/1997

Global Id: T0603705353
Status: Open - Site Assessment
Status Date: 09/06/1997

Global Id: T0603705353
Status: Open - Referred
Status Date: 01/21/2009

Global Id: T0603705353

TOSCO S.S. #5432 (Continued) **S103282004**

Status: Open - Site Assessment
Status Date: 03/05/2009

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	R-22097	
Status:	Leak being confirmed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603705353	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	UNRUH ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	9/6/1997	
Date Leak First Reported:		9/6/1997
Date Leak Record Entered:	3/5/1998	
Date Confirmation Began:	9/6/1997	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		2/16/1998
Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2344.867812126590537290148 6709
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		0
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	ND	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	TOSCO MARKETING CO	
RP Address:	P.O. BOX 25376, SANTA ANA, CA 92799	
Program:	LUST	
Lat/Long:	34.0390317 / -1	
Local Agency Staff:	Not reported	

TOSCO S.S. #5432 (Continued) **S103282004**

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

CORTESE:
Name: CKS INVESTMENT INC.
Address: 15135 AMAR RD E
City,State,Zip: LA PUENTE, CA 91744
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603705353
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - SITE ASSESSMENT
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: TOSCO S.S. #5432
edr_fadd1: 15135 AMAR
City,State,Zip: LA PUENTE, CA 91744
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: R-22097

CERS:
Name: CKS INVESTMENT INC.
Address: 15135 AMAR RD E
City,State,Zip: LA PUENTE, CA 91744
Site ID: 249989
CERS ID: T0603705353
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA

TOSCO S.S. #5432 (Continued) **S103282004**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEREMIAH ROSE - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4th St. #200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766760

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55 GENERAL SUPPLIES GENERAL ELECTRIC MACHINERY **CPS-SLIC S106825802**
WSW 220 N SUNSET AVE **EMI N/A**
1/4-1/2 CITY OF INDUSTRY, CA 91744 **HAZNET**
0.476 mi. **HWTS**
2515 ft.

Relative: **Lower**

Actual: **306 ft.**

CPS-SLIC:

Name:	AMERICAN MANNEQUIN COMPANY
Address:	220 N. SUNSET AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	10/02/1987
Global Id:	T10000014220
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03588
Longitude:	-117.97263
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0049
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

EMI:

Name:	AMERICAN MANNEQUIN INC
Address:	220 N SUNSET AV
City,State,Zip:	INDUSTRY, CA 91744
Year:	1993
County Code:	19
Air Basin:	SC
Facility ID:	92501
Air District Name:	SC
SIC Code:	3990
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported

GENERAL SUPPLIES GENERAL ELECTRIC MACHINERY (Continued) **S106825802**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	13
Reactive Organic Gases Tons/Yr:	10
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AMERICAN MANNEQUIN INC
Address:	220 N SUNSET AV
City,State,Zip:	INDUSTRY, CA 91744
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	92501
Air District Name:	SC
SIC Code:	3990
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	13
Reactive Organic Gases Tons/Yr:	10
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

HAZNET:

Name:	GENERAL SUPPLIES GENERAL ELECTRIC MACHINERY
Address:	220 N SUNSET AVE
Address 2:	Not reported
City,State,Zip:	CITY OF INDUSTRY, CA 917440000
Contact:	KIT LIN
Telephone:	6269617889
Mailing Name:	Not reported
Mailing Address:	220 N SUNSET AVE
Year:	2019
Gepaid:	CAL000388121
TSD EPA ID:	CAD097030993
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22935
Year:	2018
Gepaid:	CAL000388121
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.00000
Year:	2017
Gepaid:	CAL000388121

GENERAL SUPPLIES GENERAL ELECTRIC MACHINERY (Continued) **S106825802**

TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.76

Year: 2016
Gepaid: CAL000388121
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.38

Year: 2015
Gepaid: CAL000388121
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.418

Year: 2014
Gepaid: CAL000388121
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.254

Year: 2013
Gepaid: CAL000388121
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.836

Additional Info:
Year: 2014
Gen EPA ID: CAL000388121

Shipment Date: 20141105
Creation Date: 1/15/2015 22:14:55
Receipt Date: 20141111
Manifest ID: 007699556FLE
Trans EPA ID: CAR000047613
Trans Name: CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported

GENERAL SUPPLIES GENERAL ELECTRIC MACHINERY (Continued) **S106825802**

Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140312
Creation Date:	5/19/2014 22:14:53
Receipt Date:	20140318
Manifest ID:	006936955FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140115
Creation Date:	3/12/2014 22:15:20
Receipt Date:	20140122
Manifest ID:	006936633FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

GENERAL SUPPLIES GENERAL ELECTRIC MACHINERY (Continued) **S106825802**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2016
Gen EPA ID: CAL000388121

Shipment Date: 20150708
Creation Date: 10/1/2015 22:15:21
Receipt Date: 20150714
Manifest ID: 008218563FLE
Trans EPA ID: CAR000047613
Trans Name: CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.418
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAL000388121

Shipment Date: 20130904
Creation Date: 11/1/2013 22:15:05
Receipt Date: 20130910
Manifest ID: 006486928FLE
Trans EPA ID: CAR000047613
Trans Name: CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.418
Waste Quantity: 110
Quantity Unit: G

GENERAL SUPPLIES GENERAL ELECTRIC MACHINERY (Continued) **S106825802**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130830
Creation Date:	10/29/2013 22:15:09
Receipt Date:	20130904
Manifest ID:	006486912FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000388121
Shipment Date:	20150708
Creation Date:	10/1/2015 22:15:21
Receipt Date:	20150714
Manifest ID:	008218563FLE
Trans EPA ID:	CAR000047613
Trans Name:	CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

GENERAL SUPPLIES GENERAL ELECTRIC MACHINERY (Continued) **S106825802**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAL000388121

Shipment Date: 20171108
Creation Date: 6/13/2018 18:30:34
Receipt Date: 20171114
Manifest ID: 010993466FLE
Trans EPA ID: CAR000047613
Trans Name: CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.38
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170315
Creation Date: 5/25/2017 18:30:52
Receipt Date: 20170321
Manifest ID: 009816583FLE
Trans EPA ID: CAR000047613
Trans Name: CAL WEST ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.38
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

GENERAL SUPPLIES GENERAL ELECTRIC MACHINERY (Continued) **S106825802**

HWTS:

Name:	GENERAL SUPPLIES GENERAL ELECTRIC MACHINERY
Address:	220 N SUNSET AVE
Address 2:	Not reported
City,State,Zip:	CITY OF INDUSTRY, CA 91744
EPA ID:	CAL000388121
Inactive Date:	Not reported
Create Date:	08/05/2013
Last Act Date:	10/05/2020
Mailing Name:	Not reported
Mailing Address:	220 N SUNSET AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CITY OF INDUSTRY, CA 917440000
Owner Name:	WOON WAH LIN
Owner Address:	220 N SUNSET AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	CITY OF INDUSTRY, CA 917440000
Contact Name:	KIT LIN
Contact Address:	220 N SUNSET AVE
Contact Address 2:	Not reported
City,State,Zip:	CITY OF INDUSTRY, CA 91744

NAICS:

EPA ID:	CAL000388121
Create Date:	2013-08-05 11:00:19.943
NAICS Code:	811412
NAICS Description:	Appliance Repair and Maintenance
Issued EPA ID Date:	2013-08-05 11:00:19.93700
Inactive Date:	Not reported
Facility Name:	GENERAL SUPPLIES GENERAL ELECTRIC MACHINERY
Facility Address:	220 N SUNSET AVE
Facility Address 2:	Not reported
Facility City:	CITY OF INDUSTRY
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91744

M56 **BARR LUMBER CO., INC.** **LUST** **S103282063**
SW **127 CALIFORNIA AVE N** **Cortese** **N/A**
1/4-1/2 **INDUSTRY, CA 91744** **HIST CORTESE**
0.481 mi. **CERS**
2541 ft. **Site 1 of 2 in cluster M**

Relative:
Lower

Actual:
304 ft.

LUST:

Name:	BARR LUMBER CO., INC.
Address:	127 CALIFORNIA AVE N
City,State,Zip:	INDUSTRY, CA 91744
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705036
Global Id:	T0603705036
Latitude:	34.0316359
Longitude:	-117.969545
Status:	Completed - Case Closed
Status Date:	09/03/1997
Case Worker:	JOA
RB Case Number:	R-11356

BARR LUMBER CO., INC. (Continued) **S103282063**

Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Aviation
Site History: Not reported

LUST:
Global Id: T0603705036
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603705036
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603705036
Action Type: Other
Date: 09/03/1997
Action: Leak Reported

LUST:
Global Id: T0603705036
Status: Completed - Case Closed
Status Date: 09/03/1997

Global Id: T0603705036
Status: Open - Case Begin Date
Status Date: 09/03/1997

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-11356
Status: Case Closed
Substance: 1
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603705036
W Global ID: Not reported
Staff: UNK

BARR LUMBER CO., INC. (Continued) **S103282063**

Local Agency:	19000	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		9/3/1997
Date Leak Record Entered:	3/19/1998	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		9/3/1997
Date the Case was Closed:		9/3/1997
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		1067.0485553744681120951579085
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	BLANK RP	
RP Address:	10742 LOS ALAMITOS BL. LOS ALAMITOS, CA 90720	
Program:	LUST	
Lat/Long:	34.0316359 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

CORTESE:

Name:	BARR LUMBER CO., INC.
Address:	127 CALIFORNIA AVE N
City,State,Zip:	INDUSTRY, CA 91744
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603705036
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported

BARR LUMBER CO., INC. (Continued) **S103282063**

Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	BARR LUMBER CO., INC
edr_fadd1:	127 CALIFORNIA
City,State,Zip:	INDUSTRY, CA
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	R-11356

CERS:

Name:	BARR LUMBER CO., INC.
Address:	127 CALIFORNIA AVE N
City,State,Zip:	INDUSTRY, CA 91744
Site ID:	238142
CERS ID:	T0603705036
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

M57 **BARR LUMBER CO** **CPS-SLIC** **S106843079**
SW **127 N CALIFORNIA AVE** **SWEEPS UST** **N/A**
1/4-1/2 **CITY OF INDUSTRY (CORPORATE NA, CA 91744** **LA Co. Site Mitigation**
0.481 mi. **WIP**
2541 ft. **Site 2 of 2 in cluster M**

Relative:
Lower

Actual:
304 ft.

CPS-SLIC:

Name:	BARR LUMBER CO.
Address:	127 N. CALIFORNIA AVE.
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	10/10/1996
Global Id:	T10000014366
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.03227
Longitude:	-117.9692
Case Type:	Cleanup Program Site
Case Worker:	WIP
Local Agency:	Not reported
RB Case Number:	102.0178
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

SWEEPS UST:

Name:	BARR LUMBER CO
Address:	127 N CALIFORNIA AVE
City:	INDUSTRY
Status:	Active
Comp Number:	11356
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-011356-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	1

LA Co. Site Mitigation:

Name:	BARR LUMBER CO.
Address:	127 N CALIFORNIA AVE
City,State,Zip:	INDUSTRY, CA 91744
Facility ID:	FA0006354
Status:	Not reported
Site ID:	SD0010423
Jurisdiction:	Not reported

BARR LUMBER CO (Continued) **S106843079**

Case ID: RO0010423
Abated: Yes
Assigned To: LR
Entered Date: Not reported
Abated Date: 09/01/1991

WIP:
Name: BARR LUMBER CO
Address: 127 N California Ave
City,State,Zip: CITY OF INDUSTRY (CORPORATE NAME INDUSTRY), CA 91744
Region: 4
File Number: 102.0178
File Status: Historical
Staff: RWANG
Facility Suite: Not reported

58
South
1/4-1/2
0.495 mi.
2613 ft.

Relative:
Higher

Actual:
315 ft.

RANKIN OVERHEAD DOOR INC **RCRA-SQG** **1000270600**
15150 E NELSON **LUST** **CAD982525123**
INDUSTRY, CA 91744 **SWEEPS UST**
FINDS
ECHO
Cortese
HIST CORTESE
LOS ANGELES CO. HMS
CERS

RCRA-SQG:
Date Form Received by Agency: 1989-06-02 00:00:00.0
Handler Name: RANKIN OVERHEAD DOOR INC
Handler Address: 15150 E NELSON
Handler City,State,Zip: INDUSTRY, CA 91744
EPA ID: CAD982525123
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 15150 E NELSON
Contact City,State,Zip: INDUSTRY, CA 91744
Contact Telephone: 213-283-3522
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Other
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: CA
State District: 4
Mailing Address: 15150 E NELSON
Mailing City,State,Zip: INDUSTRY, CA 91744
Owner Name: MARVIN SEIGEL
Owner Type: Private
Operator Name: NOT REQUIRED
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No

RANKIN OVERHEAD DOOR INC (Continued) **1000270600**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:35:05.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED

RANKIN OVERHEAD DOOR INC (Continued) **1000270600**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARVIN SEIGEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-06-02 00:00:00.0
Handler Name:	RANKIN OVERHEAD DOOR INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

LUST:

Name:	RANKIN FAMILY TRUST
Address:	15150 NELSON AVE
City,State,Zip:	INDUSTRY, CA 91744
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704053
Global Id:	T0603704053
Latitude:	34.030344

RANKIN OVERHEAD DOOR INC (Continued) **1000270600**

Longitude: -117.9631216
Status: Completed - Case Closed
Status Date: 07/18/1996
Case Worker: YR
RB Case Number: I-13219
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:
Global Id: T0603704053
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603704053
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603704053
Action Type: Other
Date: 04/19/1993
Action: Leak Discovery

Global Id: T0603704053
Action Type: Other
Date: 05/06/1993
Action: Leak Reported

LUST:
Global Id: T0603704053
Status: Open - Case Begin Date
Status Date: 04/19/1993

Global Id: T0603704053
Status: Open - Remediation
Status Date: 10/03/1995

Global Id: T0603704053
Status: Open - Remediation
Status Date: 04/15/1996

Global Id: T0603704053
Status: Completed - Case Closed

RANKIN OVERHEAD DOOR INC (Continued) **1000270600**

Status Date: 07/18/1996

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	I-13219	
Status:	Case Closed	
Substance:	Hydrocarbons	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		UK
Global ID:	T0603704053	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	4/19/1993	
Date Leak First Reported:		5/6/1993
Date Leak Record Entered:	3/8/1993	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		7/18/1996
Date the Case was Closed:		7/18/1996
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		1457.67373097612822674254798 02
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		10/3/1995
Remedial Action Underway:		4/15/1996
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	RANKIN FAMILY TRUST	
RP Address:	20615 OAKSBORO CR, WOODLAND HILLS, CA 91634	
Program:	LUST	
Lat/Long:	34.0304649 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	

RANKIN OVERHEAD DOOR INC (Continued) **1000270600**

Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

SWEEPS UST:
Name: RANKIN OVERHEAD DOOR INC
Address: 15150 E NELSON AVE
City: INDUSTRY
Status: Active
Comp Number: 13219
Number: 9
Board Of Equalization: 44-010101
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-013219-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 1

FINDS:
Registry ID: 110006480904

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000270600
Registry ID: 110006480904
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006480904
Name: RANKIN OVERHEAD DOOR INC
Address: 15150 E NELSON
City,State,Zip: INDUSTRY, CA 91744

CORTESE:
Name: RANKIN FAMILY TRUST
Address: 15150 NELSON AVE
City,State,Zip: INDUSTRY, CA 91744
Region: CORTESE
Envirostor Id: Not reported

RANKIN OVERHEAD DOOR INC (Continued) **1000270600**

Global ID:	T0603704053
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	RANKIN FAMILY TRUST
edr_fadd1:	15150 NELSON
City,State,Zip:	INDUSTRY, CA 91744
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-13219

LOS ANGELES CO. HMS:

Name:	RANKIN OVERHEAD DOOR INC
Address:	15150 NELSON AVE
City,State,Zip:	CITY OF INDUSTRY, CA 91746
Region:	LA
Permit Category:	T
Facility Id:	012965-013219
Facility Type:	0
Facility Status:	Removed
Area:	6H
Permit Number:	00004930T
Permit Status:	Removed

CERS:

Name:	RANKIN FAMILY TRUST
Address:	15150 NELSON AVE
City,State,Zip:	INDUSTRY, CA 91744
Site ID:	248612
CERS ID:	T0603704053
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA

RANKIN OVERHEAD DOOR INC (Continued) **1000270600**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6264583507
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

---

59 West 1/2-1 0.516 mi. 2722 ft.

GNB BATTERIES INC
14500 NELSON AVENUE
CITY OF INDUSTRY, CA 91746

ENVIROSTOR **S105937898**
HIST UST **N/A**
EMI
LA Co. Site Mitigation

Relative: Lower

Actual: 306 ft.

ENVIROSTOR:

Name:	EXIDE TECHNOLOGIES/GNB BATTERY
Address:	14500 NELSON AVE.
City,State,Zip:	INDUSTRY, CA 91744
Facility ID:	60000157
Status:	Refer: 1248 Local Agency
Status Date:	01/25/2006
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	LA CNTY FIRE DEPT. (BILLING AND UST), LOS ANGELES COUNTY
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Greg Holmes
Division Branch:	Cleanup Cypress
Assembly:	57
Senate:	22
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	34.03715
Longitude:	-117.9749
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	60000157
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported

GNB BATTERIES INC (Continued) **S105937898**

Completed Document Type: Not reported
Completed Date: Not reported
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

HIST UST:
Name: GNB BATTERIES INC
Address: 14500 NELSON AVENUE
City,State,Zip: CITY OF INDUSTRY, CA 91746
File Number: 00026BD3
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026BD3.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:

EMI:
Name: GNB INCORPORATED
Address: 14500 NELSON AVE
City,State,Zip: INDUSTRY, CA 91746
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 44217
Air District Name: SC
SIC Code: 3691
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 11

GNB BATTERIES INC (Continued) **S105937898**

Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: GNB TECHNOLOGIES
Address: 14500 NELSON AV
City,State,Zip: INDUSTRY, CA 91746
Year: 1993
County Code: 19
Air Basin: SC
Facility ID: 44217
Air District Name: SC
SIC Code: 3691
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: GNB TECHNOLOGIES
Address: 14500 NELSON AV
City,State,Zip: INDUSTRY, CA 91746
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 44217
Air District Name: SC
SIC Code: 3691
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

LA Co. Site Mitigation:
Name: EXIDE TECHNOLOGIES/GNB BATTERY
Address: 14500 NELSON AVE
City,State,Zip: INDUSTRY, CA 91744
Facility ID: Not reported
Status: Not reported
Site ID: SD0000174
Jurisdiction: State
Case ID: RO0000179
Abated: Yes

GNB BATTERIES INC (Continued) **S105937898**

Assigned To: Richard Clark
Entered Date: 01/18/2006
Abated Date: 05/09/2007

60
SW
1/2-1
0.562 mi.
2966 ft.

HERTZ PENSKE TRUCK
14804 EAST VALLY BLVD
LA PUENTE, CA 91746

Notify 65 **U000027742** **N/A**

Relative:
Lower

Actual:
305 ft.

NOTIFY 65:

Name:	HERTZ PENSKE TRUCK
Address:	14804 EAST VALLY BLVD
City,State,Zip:	LA PUENTE, CA 91746-3217
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

61
SSW
1/2-1
0.599 mi.
3163 ft.

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE)
COVERS MOST OF CITY OF INDUSTRY, PORTIONS OF THE CITY OF LA
CITY OF INDUSTRY, CA 91744

ENVIROSTOR **S110653118**
Cortese **N/A**

Relative:
Lower

Actual:
307 ft.

ENVIROSTOR:

Name:	PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE)
Address:	COVERS MOST OF CITY OF INDUSTRY, PORTIONS OF THE CITY OF LA PUENTE AND UNINCORPORATED LOS ANGELES COUNTY
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Facility ID:	60001338
Status:	Active
Status Date:	10/23/2013
Site Code:	301502
Site Type:	Federal Superfund
Site Type Detailed:	State Response or NPL
Acres:	8960
NPL:	YES
Regulatory Agencies:	SMBRP, RWQCB 4 - Los Angeles, US EPA
Lead Agency:	US EPA
Program Manager:	John Childs
Supervisor:	Ajit Vaidya
Division Branch:	Engineering & Special Projects
Assembly:	57
Senate:	22
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.02933
Longitude:	-117.9674
APN:	NONE SPECIFIED
Past Use:	AEROSPACE MANUFACTURING/MAINTENANCE, MANUFACTURING - ELECTRONIC,

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

MANUFACTURING - INDUSTRIAL MACHINERY, MANUFACTURING - METAL
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE 1,4-Dioxane
Confirmed COC: Tetrachloroethylene (PCE 1,4-Dioxane Trichloroethylene (TCE
Potential Description: AQUI, IA, OTH, WELL
Alias Name: San Gabriel Groundwater Basin (1-4)*
Alias Type: Alternate Name
Alias Name: 301404
Alias Type: Project Code (Site Code)
Alias Name: 301425
Alias Type: Project Code (Site Code)
Alias Name: 301502
Alias Type: Project Code (Site Code)
Alias Name: 19990006
Alias Type: Envirostor ID Number
Alias Name: 60001338
Alias Type: Envirostor ID Number
Alias Name: http://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/3dec8ba32523684288257426 00743733/0065ed704ae95ccc88257007005e941e!OpenDocument
Alias Type: External Website Link / URL

Completed Info:
Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/20/2011
Comments: Report submitted as planned. DTSC will not be providing comments on the report and provided equivalent recommendations in PVOU Well Network package.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 05/02/2011
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 03/28/2012
Comments: DTSC provided comments on the Phase II CGMP on 5/11/12 to USEPA PM. Consultant incorporated comments as part of planned fieldwork activities.

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/05/2012
Comments: DTSC provided comments to CDM-Smith PM on 4/5/12 via email. Consultant will adequately incorporate comments into SAP.

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/22/2012
Comments: Comments were incorporated into the FSP as part of the Final RDI WP.

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Document Type: Design/Implementation Workplan
Completed Date: 12/22/2012
Comments: The GW Flow Modeling Plan was approved by USEPA as part of the RDI WP on December 22, 2012.

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 12/03/2012
Comments: USEPA approved the VI SA WP on December 3, 2012. DTSC provided comments on draft and draft final work plans.

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 12/22/2012
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/01/2013
Comments: DTSC provided comments dated February 1, 2013.

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 03/01/2017
Comments: Revised to include IZ west new document submitted

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/24/2013
Comments: Proponent incorporated DTSC comments into the Revised IAQ/VI Work Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/18/2013
Comments: Deliverable was A. Campbell presentation in technical meeting on November 18, 2013.

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/14/2013
Comments: DTSC received the aquifer testing work plan on 8/14/13.

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 09/12/2013
Comments: USEPA commented on the 8/28/13 sampling plan and was revised on 9/12/13 and considered final afterwards.

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/24/2013
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/02/2012
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 11/23/2011
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 03/14/2008
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/19/2013
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/06/2012
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 04/04/2014
Comments: Revised document will not be submitted.

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/13/2013
Comments: Revised document will not be submitted.

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/27/2014
Comments: .

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Date: 11/15/2013
Comments: Not reported

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/15/2013
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/17/2014
Comments: Report summarizing groundwater monitoring activities in July and August 2013.

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/13/2014
Comments: Revised report will not be submitted.

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 02/14/2014
Comments: .

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/10/2014
Comments: Discharge options study report.

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/07/2014
Comments: .

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/17/2015
Comments: progress reports include jan 2015

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 08/04/2015
Comments: DTSC comments were responded to in App B. No major changes to Rd/RA

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/09/2012
Comments: Bi-monthly progress report

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/08/2013
Comments: Bi-monthly progress report

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/27/2012
Comments: Draft tech memo, preliminary remedial objectives

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/12/2012
Comments: January and February 2012

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/16/2012
Comments: Tech Memo, Summary Deep Source Investigations Conducted in 2002 and 2004

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/19/2014
Comments: Presents currently available data from the ongoing investigations.

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/10/2014
Comments: Feasibility screening of candidate technologies for source area

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/10/2014
Comments: Early 2014 Semi-Annual Groundwater Monitoring Report

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/12/2014
Comments: Presents data collected in March 2014.

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/01/2004
Comments: Documents groundwater sampling, well construction, aquifer testing, and related characterization associated with implementation of the remedial design.

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/01/2012
Comments: Semiannual groundwater monitoring report.

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 12/07/2012
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/25/1992
Comments: Results of multiple phases of soil investigation and remediation activities between 1987 and 1991.

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/19/2011
Comments: June 2011 groundwater monitoring event

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/15/2015
Comments: monthly progress reports

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/15/2015
Comments: monthly progress reports

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/14/2015
Comments: Tech Report provides results

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Workplan
Completed Date: 08/25/2014
Comments: Treatability study workplan approved by EPA on 8/25/2014.

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/02/2014
Comments: Tech Memo, Summary of Geophysical Logging

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Document Type: Technical Report
Completed Date: 01/08/2015
Comments: no comments

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/05/2015
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/27/2015
Comments: basic data dump. no DTSC comments

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/15/2014
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/27/2015
Comments: basic data dump; no DTSC comments

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 07/21/2015
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/10/2015
Comments: no comments

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/09/2015
Comments: no written comments

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/01/2015
Comments: no comments

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 07/20/2015
Comments: DTSC letter to NG

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/13/2015
Comments: final report no DTSC comments

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 06/17/2015
Comments: Next deliverable for IZ Design will be 60% Design

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/17/2015
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/05/2015
Comments: comments included with EPA comments

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 04/06/2015
Comments: Not reported

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/08/2015
Comments: No DTSC comments

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 06/21/2017
Comments: 30 % Design submitted

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/30/2017
Comments: Dan asked for more data in his comments.

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/27/2015
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Date: 10/27/2015
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/12/2016
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 02/05/2016
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/23/2016
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/23/2016
Comments: Not reported

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/11/2016
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/19/2016
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/19/2016
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/23/2016
Comments: Not reported

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/14/2016
Comments: Not reported

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/05/2016
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/26/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/26/2013
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 09/13/2011
Comments: USEPA Unilateral Administrative Order

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/16/2012
Comments: DTSC letter

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/10/2011
Comments: Letter responding to EPA comments on groundwater flow model update.

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/16/2010
Comments: LARWQCB letter

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/18/2011
Comments: EPA letter regarding additional end use options.

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/28/2014
Comments: Letter regarding revised well designations.

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Date: 01/20/2012
Comments: Response to information request

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/16/2012
Comments: Letter responding to 3/6/12 EPA information request

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 10/26/2012
Comments: .

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/12/2015
Comments: internal review memo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/21/2012
Comments: EPA letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)
Completed Date: 11/16/2017
Comments: Issued by RP, Sent to Clearinghouse

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision - Interim
Completed Date: 09/30/1998
Comments: U.S. EPA issued a Record of Decision (ROD) for Puente Valley OU.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 05/30/1997
Comments: Not reported

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 02/01/2009
Comments: EPA approved Prefinal Design Report on 10/13/2008

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/28/2008
Comments: Pre-Final Design Report was submitted to EPA on July 28, 2008

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/21/2009
Comments: EPA approved Final Design Report for the Intermediate Zone Remedy on 7/21/2009. EPA is the lead agency for this Federal Superfund site, DTSC does not have final approval authority for approval of reports and deliverables

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 03/27/2020
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision w/ESD
Completed Date: 06/14/2005
Comments: DTSC approved the ESD in a letter dated 5/20/2005. The ESD was signed by USEPA on 6/14/2005 and included treatment designs for perchlorate and 1,4-dioxane.

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/28/2010
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/15/2011
Comments: DTSC provided comments on the Benchmark Dec. 2010 Semi-Annual GWMR with a letter dated April 15, 2011.

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/21/2016
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/23/2016
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/01/2016
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Date: 03/08/2018
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/01/2016
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/30/2017
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/01/2016
Comments: Not reported

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/09/2016
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/14/2017
Comments: Not reported

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/12/2017
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 10/26/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/29/2016
Comments: Not reported

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 07/24/2017
Comments: Not reported

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 03/14/2017
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/16/2017
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 06/14/2017
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 03/14/2017
Comments: Not reported

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/10/2017
Comments: Not reported

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/27/2017
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/27/2017
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/07/2017
Comments: Not reported

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/19/2017
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Date: 12/07/2017
Comments: DTSC submitted their comments to EPA on December 7. 2017.

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/30/2017
Comments: Our toxicologist asked fro none more sampling event for a few samples via email. Sue Fears sent to Ray Chivera

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/29/2018
Comments: 2017 ANNUAL COMPREHENSIVE GROUNDWATER MONITORING REPORT SHALLOW ZONE NORTH-UTC DTSC has no comments on this monitoring report

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 09/05/2018
Comments: Final Report was reviewed in lieu of this annual summary report. No DTSC comments.

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/01/2018
Comments: GW MODEL UPDATE

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/03/2018
Comments: PUENTE IZ WEST EXTRACTION WELL INSTALLATION REPORT

Completed Area Name: SHALLOW ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 07/17/2018
Comments: Winter 2018 VI Assessment-Residential Areas' Benchmark-Shallow Zone South -

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 07/11/2019
Comments: Not reported

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/26/2018
Comments: SHALLOW ZONE SOUTH INTERIM REMEDY INTERMEDIATE DESIGN REPORT: DTSC has reviewed the RTCs and has no further comments on this SZ-South Intermediate Design Document

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

Completed Area Name: Shallow Zone Remedy - South of Puente Creek
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 07/11/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 09/14/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 01/29/2007
Comments: A Settlement was entered by US EPA & DTSC with the Saint-Gobain Corporation.

Completed Area Name: INTERMEDIATE ZONE REMEDY
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 08/21/2009
Comments: Consent Decree was fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 04/24/2009
Comments: Final Consent Decree entered with District Court on 4/24/2009. DTSC is scheduled to receive $5000 for settlement of past costs from Valley Proctor

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 11/05/2008
Comments: Consent Decree for payment of DTSC’s past response costs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 11/20/2007
Comments: A Settlement was entered by US EPA & DTSC with Teledyne.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 04/19/2007
Comments: A Settlement was entered by US EPA & DTSC with Rathon.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 02/05/2008
Comments: A Settlement was entered by US EPA & DTSC with ECOS.

PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE) (Continued) **S110653118**

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

CORTESE:

Name:	PUENTE VALLEY (SAN GABRIEL VALLEY SUPERFUND SITE)
Address:	COVERS MOST OF CITY OF INDUSTRY, PORTIONS OF THE CITY OF LA PUENTE AND UNINC
City,State,Zip:	CITY OF INDUSTRY, CA 91744
Region:	CORTESE
Envirostor Id:	60001338
Global ID:	Not reported
Site/Facility Type:	FEDERAL SUPERFUND - LISTED
Cleanup Status:	ACTIVE
Status Date:	10/23/2013
Site Code:	301404, 301425, 301502
Latitude:	34.029331
Longitude:	-117.96741
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Haz Waste & Substances Sites

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62 **VERTIS INC.** **RCRA-SQG** **1000158375**
South **15354 STAFFORD STREET** **ENVIROSTOR** **CAD062091467**
1/2-1 **CITY OF INDUSTRY, CA 91744** **EMI**
0.756 mi.
3990 ft.

Relative: **Higher**
Actual: **315 ft.**

RCRA-SQG:

Date Form Received by Agency:	2005-06-17 00:00:00.0
Handler Name:	VERTIS INC.
Handler Address:	15354 STAFFORD STREET
Handler City,State,Zip:	CITY OF INDUSTRY, CA 91744
EPA ID:	CAD062091467
Contact Name:	BRUCE KROGUE
Contact Address:	15354 STAFFORD STREET
Contact City,State,Zip:	CITY OF INDUSTRY, CA 91744
Contact Telephone:	626-968-8541
Contact Fax:	Not reported
Contact Email:	BKROGUE@VERTISINC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private

VERTIS INC. (Continued) **1000158375**

Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	15354 STAFFORD STREET
Mailing City,State,Zip:	CITY OF INDUSTRY, CA 91744
Owner Name:	VERTIS INC
Owner Type:	Private
Operator Name:	VERTIS INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

VERTIS INC. (Continued) **1000158375**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2005-07-08 17:40:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VERTIS INC
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	250 W PRATT ST
Owner/Operator City,State,Zip:	BALTIMORE, MD 21201
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

VERTIS INC. (Continued) **1000158375**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VERTIS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	250 W PRATT ST 18TH FLOOR
Owner/Operator City,State,Zip:	BALTIMORE, MD 21201
Owner/Operator Telephone:	410-528-9800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VERTIS INC
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-09-01 00:00:00.0
Handler Name:	VERTIS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-04-19 00:00:00.0
Handler Name:	VERTIS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-06-17 00:00:00.0
Handler Name:	VERTIS INC.
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported

VERTIS INC. (Continued) **1000158375**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-15 00:00:00.0
Handler Name:	TREASURE CHEST ADVERTISING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-04-09 00:00:00.0
Handler Name:	TREASURE CHEST ADVERTISING COMPANY INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-04 00:00:00.0
Handler Name:	TREASURE CHEST ADVERTISING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-10-12 00:00:00.0
Handler Name:	TREASURE CHEST ADVERTISING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

VERTIS INC. (Continued) **1000158375**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-22 00:00:00.0
Handler Name: VERTIS, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32311
NAICS Description: PRINTING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

VERTIS INC. (Continued) **1000158375**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2003-08-19 00:00:00.0
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ENVIROSTOR:
Name: TREASURE CHEST ADVERTISING CO., INC.
Address: 15354 STAFFORD STREET
City,State,Zip: INDUSTRY, CA 91744
Facility ID: 71002503
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 57
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.02656
Longitude: -117.9612
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD062091467
Alias Type: EPA Identification Number
Alias Name: 110002653192
Alias Type: EPA (FRS #)
Alias Name: 71002503
Alias Type: Envirostor ID Number

VERTIS INC. (Continued) **1000158375**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1 Non-Submittal
Completed Date:	11/27/2000
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

EMI:

Name:	TREASURE CHEST ADVERTISING CO
Address:	15354 STAFFORD AV
City,State,Zip:	INDUSTRY, CA 917440000
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	43808
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17
Reactive Organic Gases Tons/Yr:	16
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TREASURE CHEST ADVERTISING CO
Address:	15354 STAFFORD ST
City,State,Zip:	INDUSTRY, CA 917440000
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	43808
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
Reactive Organic Gases Tons/Yr:	10
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

VERTIS INC. (Continued) **1000158375**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name:	TREASURE CHEST ADVERTISING CO
Address:	15354 STAFFORD ST
City,State,Zip:	INDUSTRY, CA 917440000
Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	43808
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	8
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TREASURE CHEST ADVERTISING CO
Address:	15354 STAFFORD ST
City,State,Zip:	INDUSTRY, CA 917440000
Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	43808
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TREASURE CHEST ADVERTISING CO
Address:	15354 STAFFORD ST
City,State,Zip:	INDUSTRY, CA 917440000
Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	43808
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0

VERTIS INC. (Continued) **1000158375**

NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TREASURE CHEST ADVERTISING CO
Address:	15354 STAFFORD ST
City,State,Zip:	INDUSTRY, CA 917440000
Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	43808
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TREASURE CHEST ADVERTISING CO
Address:	15354 STAFFORD ST
City,State,Zip:	INDUSTRY, CA 917440000
Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	43808
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TREASURE CHEST ADVERTISING CO
Address:	15354 STAFFORD ST
City,State,Zip:	INDUSTRY, CA 917440000
Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	43808
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

VERTIS INC. (Continued) **1000158375**

Total Organic Hydrocarbon Gases Tons/Yr:	12
Reactive Organic Gases Tons/Yr:	10
Carbon Monoxide Emissions Tons/Yr:	7
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VERTIS, INC.
Address:	15354 STAFFORD ST
City,State,Zip:	CITY OF INDUSTRY, CA 917440000
Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	43808
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	11
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VERTIS, INC.
Address:	15354 STAFFORD ST
City,State,Zip:	CITY OF INDUSTRY, CA 917440000
Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	43808
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	11
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VERTIS, INC.
Address:	15354 STAFFORD ST
City,State,Zip:	CITY OF INDUSTRY, CA 917440000
Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	43808
Air District Name:	SC
SIC Code:	2752

VERTIS INC. (Continued) **1000158375**

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10.1471351
Reactive Organic Gases Tons/Yr:	9.17
Carbon Monoxide Emissions Tons/Yr:	10.5
NOX - Oxides of Nitrogen Tons/Yr:	3.5
SOX - Oxides of Sulphur Tons/Yr:	0.0224
Particulate Matter Tons/Yr:	0.202
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.2

Name:	VERTIS, INC.
Address:	15354 STAFFORD ST
City,State,Zip:	CITY OF INDUSTRY, CA 917440000
Year:	2005
County Code:	19
Air Basin:	SC
Facility ID:	43808
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11.183
Reactive Organic Gases Tons/Yr:	7.79721488
Carbon Monoxide Emissions Tons/Yr:	8.16
NOX - Oxides of Nitrogen Tons/Yr:	2.72
SOX - Oxides of Sulphur Tons/Yr:	.01736
Particulate Matter Tons/Yr:	.1568
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.1568

Name:	VERTIS, INC.
Address:	15354 STAFFORD ST
City,State,Zip:	CITY OF INDUSTRY, CA 917440000
Year:	2006
County Code:	19
Air Basin:	SC
Facility ID:	43808
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9.567932143636726237
Reactive Organic Gases Tons/Yr:	9.006
Carbon Monoxide Emissions Tons/Yr:	3.349
NOX - Oxides of Nitrogen Tons/Yr:	2.048
SOX - Oxides of Sulphur Tons/Yr:	.01
Particulate Matter Tons/Yr:	.118
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.118

Name:	VERTIS, INC.
Address:	15354 STAFFORD ST
City,State,Zip:	CITY OF INDUSTRY, CA 917440000
Year:	2007
County Code:	19
Air Basin:	SC

VERTIS INC. (Continued) **1000158375**

Facility ID:	43808
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9.567932143636726237
Reactive Organic Gases Tons/Yr:	9.006
Carbon Monoxide Emissions Tons/Yr:	3.349
NOX - Oxides of Nitrogen Tons/Yr:	2.048
SOX - Oxides of Sulphur Tons/Yr:	.01
Particulate Matter Tons/Yr:	.118
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.118

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63 **BENCHMARK TECHNOLOGY** **Notify 65** **S100177993**
South **200 TURNBULL CYN RD.** **N/A**
1/2-1 **INDUSTRY, CA 91745**
0.793 mi.
4185 ft.

Relative: NOTIFY 65:
Lower

Name:	BENCHMARK TECHNOLOGY
Address:	200 TURNBULL CYN RD.
City,State,Zip:	INDUSTRY, CA 91745-1007
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

Actual:
309 ft.

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64 **ACORN ENGINEERING COMPANY** **Notify 65** **S100178554**
SSW **15125 PROCTOR AVENUE** **N/A**
1/2-1 **LA PUENTE, CA 91746**
0.844 mi.
4454 ft.

Relative: NOTIFY 65:
Lower

Name:	ACORN ENGINEERING COMPANY
Address:	15125 PROCTOR AVENUE
City,State,Zip:	LA PUENTE, CA 91746-3327
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

Actual:
307 ft.

65
WSW
1/2-1
0.888 mi.
4690 ft.

PACTIV CORP.
14505 PROCTOR AVE
INDUSTRY, CA 91736

EMI **S100177996**
Notify 65 **N/A**
WDS

Relative:
Lower

Actual:
297 ft.

EMI:

Name:	A & E PLASTICS INC
Address:	14505 PROCTOR AV
City,State,Zip:	INDUSTRY, CA 91746-2912
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	2909
Air District Name:	SC
SIC Code:	3079
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	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

Name:	A & E PLASTICS INC
Address:	14505 PROCTOR AV
City,State,Zip:	INDUSTRY, CA 91746-2912
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	2909
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TENNECO PACKAGING INC.
Address:	14505 PROCTOR AV
City,State,Zip:	INDUSTRY, CA 91746-2912
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	2909
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

PACTIV CORP. (Continued) **S100177996**

Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	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

Name:	TENNECO PACKAGING INC.
Address:	14505 PROCTOR AVE
City,State,Zip:	INDUSTRY, CA 91746-2912
Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	2909
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	13
Reactive Organic Gases Tons/Yr:	13
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	4
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PACTIV CORP
Address:	14505 PROCTOR AV
City,State,Zip:	INDUSTRY, CA 91746-2912
Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	2909
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	12
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TENNECO PACKAGING SPECIALTY &
Address:	14505 PROCTOR AV
City,State,Zip:	INDUSTRY, CA 91746-2912
Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	2909
Air District Name:	SC
SIC Code:	3089

PACTIV CORP. (Continued) **S100177996**

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17
Reactive Organic Gases Tons/Yr:	17
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PACTIV CORP
Address:	14505 PROCTOR AV
City,State,Zip:	INDUSTRY, CA 91746-2912
Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	2909
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	12
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PACTIV CORP
Address:	14505 PROCTOR AV
City,State,Zip:	INDUSTRY, CA 91746-2912
Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	2909
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	12
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	PACTIV CORP
Address:	14505 PROCTOR AV
City,State,Zip:	INDUSTRY, CA 91746-2912
Year:	2001
County Code:	19
Air Basin:	SC

PACTIV CORP. (Continued) **S100177996**

Facility ID:	2909
Air District Name:	SC
SIC Code:	3089
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2

NOTIFY 65:

Name:	A%E PLASTICS
Address:	14505 PROCTOR AVE
City,State,Zip:	INDUSTRY, CA 91746-2912
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

WDS:

Name:	PACTIV CORP.
Address:	14505 Proctor Ave
City:	INDUSTRY
Facility ID:	4 19I002644
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	6269683801
Facility Contact:	Alan Franz
Agency Name:	PACTIV CORP.
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	3089
SIC Code 2:	Not reported
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste:	STORMS
Waste Type2:	Not reported
Waste2:	Stormwater Runoff
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to

PACTIV CORP. (Continued) **S100177996**

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CITY OF INDUSTRY	S125952747	PERFORMANCE AUTO	14840 E. NELSON AVE.	91746	CPS-SLIC
CITY OF INDUSTRY	S123771504	PREMIER METAL PRODUCTS	227 SUNSET AV.	91744	CPS-SLIC, HAZNET, HWTS
VALINDA	S102827757		13606 EAST TEMPLE	91744	CDL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/11/2020
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 07/27/2020
Date Data Arrived at EDR: 07/27/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 73

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 07/27/2020
Date Data Arrived at EDR: 07/27/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 73

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/11/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/10/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 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 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/20/2020
Number of Days to Update: 72
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 05/26/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/20/2020
Number of Days to Update: 72

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/23/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/27/2020
Date Data Arrived at EDR: 07/27/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 73

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

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

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 74

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
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: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
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: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
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: 10/30/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/27/2020
Date Data Arrived at EDR: 07/27/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 73
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/26/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs
A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 76
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 07/20/2020
Date Data Arrived at EDR: 07/21/2020
Date Made Active in Reports: 10/07/2020
Number of Days to Update: 78

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 05/20/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/06/2020
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 08/03/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 78

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/20/2020
Date Data Arrived at EDR: 07/21/2020
Date Made Active in Reports: 10/07/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/26/2020
Date Data Arrived at EDR: 08/28/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 08/14/2020
Number of Days to Update: 73
Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
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: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 86
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/21/2020
Date Made Active in Reports: 10/07/2020
Number of Days to Update: 78
Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71
Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/21/2020
Number of Days to Update: 69

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/08/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/20/2020
Date Data Arrived at EDR: 07/21/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 12/14/2020
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: 07/24/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 10/21/2020
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/14/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/10/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 59

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 01/31/2021
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: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/06/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/27/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
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: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/06/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 77

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/04/2020
Date Data Arrived at EDR: 08/25/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 12/21/2020
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: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/27/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/06/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/08/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

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: 08/17/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 10/21/2020
Number of Days to Update: 65
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 74
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 11/13/2020
Number of Days to Update: 79

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/19/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 14

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/28/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 81

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
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: 07/20/2020
Date Data Arrived at EDR: 07/21/2020
Date Made Active in Reports: 10/07/2020
Number of Days to Update: 78

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 79

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/04/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/05/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/17/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/17/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/06/2020
Date Data Arrived at EDR: 07/07/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/06/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 08/14/2020
Number of Days to Update: 73
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/10/2020
Date Made Active in Reports: 10/29/2020
Number of Days to Update: 80
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 08/14/2020
Number of Days to Update: 73
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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: 08/21/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 08/27/2020
Number of Days to Update: 6
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 08/20/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/06/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/20/2020
Number of Days to Update: 72
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/09/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/20/2020
Number of Days to Update: 72

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 08/14/2020
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 07/20/2020
Date Data Arrived at EDR: 07/21/2020
Date Made Active in Reports: 10/07/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
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: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/01/2020
Date Made Active in Reports: 07/17/2020
Number of Days to Update: 16

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/01/2020
Number of Days to Update: 13

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 06/17/2020
Date Data Arrived at EDR: 06/18/2020
Date Made Active in Reports: 09/02/2020
Number of Days to Update: 76

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 07/16/2020
Date Data Arrived at EDR: 07/22/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 78

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 70

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 70

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/01/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 78

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 07/28/2020
Date Data Arrived at EDR: 07/30/2020
Date Made Active in Reports: 10/13/2020
Number of Days to Update: 75

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/28/2020
Date Data Arrived at EDR: 07/30/2020
Date Made Active in Reports: 10/14/2020
Number of Days to Update: 76

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/11/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 71

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/06/2020
Date Data Arrived at EDR: 07/10/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 80

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/13/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 78

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/09/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/25/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42
Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/12/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/25/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/25/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/25/2020
Date Data Arrived at EDR: 04/14/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 78
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/09/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/05/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/28/2020
Date Data Arrived at EDR: 07/30/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 1

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 08/20/2020
Date Data Arrived at EDR: 08/24/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 77

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/15/2020
Next Scheduled EDR Contact: 03/08/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 16

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 07/30/2020
Date Made Active in Reports: 10/13/2020
Number of Days to Update: 75

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/20/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 06/10/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 10/19/2020
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/02/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 79

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/01/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 10/19/2020
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/03/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/10/2020
Date Made Active in Reports: 08/24/2020
Number of Days to Update: 75

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 08/04/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 78
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/04/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 82
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 08/14/2020
Number of Days to Update: 73

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
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: 11/16/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/03/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 78

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/03/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 82

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 07/27/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 75

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/11/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/01/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/20/2020
Date Data Arrived at EDR: 08/20/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 81

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 07/30/2020
Date Data Arrived at EDR: 07/31/2020
Date Made Active in Reports: 10/16/2020
Number of Days to Update: 77

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 09/16/2020
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/07/2020
Date Data Arrived at EDR: 07/08/2020
Date Made Active in Reports: 09/25/2020
Number of Days to Update: 79

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/01/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/04/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 83

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/11/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 75

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/06/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 81

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/13/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 07/10/2020
Date Data Arrived at EDR: 07/22/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 78
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 07/10/2020
Date Data Arrived at EDR: 07/22/2020
Date Made Active in Reports: 10/07/2020
Number of Days to Update: 77
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/01/2021
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/26/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/20/2020
Number of Days to Update: 72
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/23/2020
Date Data Arrived at EDR: 06/29/2020
Date Made Active in Reports: 09/15/2020
Number of Days to Update: 78
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/07/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 80

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 11/03/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/09/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/30/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

045.05245_635 N CALIFORNIA AVE
635 NORTH CALIFORNIA AVENUE
LA PUENTE, CA 91744

TARGET PROPERTY COORDINATES

Latitude (North):	34.038563 - 34° 2' 18.83''
Longitude (West):	117.963434 - 117° 57' 48.36''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	411065.6
UTM Y (Meters):	3766655.8
Elevation:	315 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5619056 BALDWIN PARK, 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).

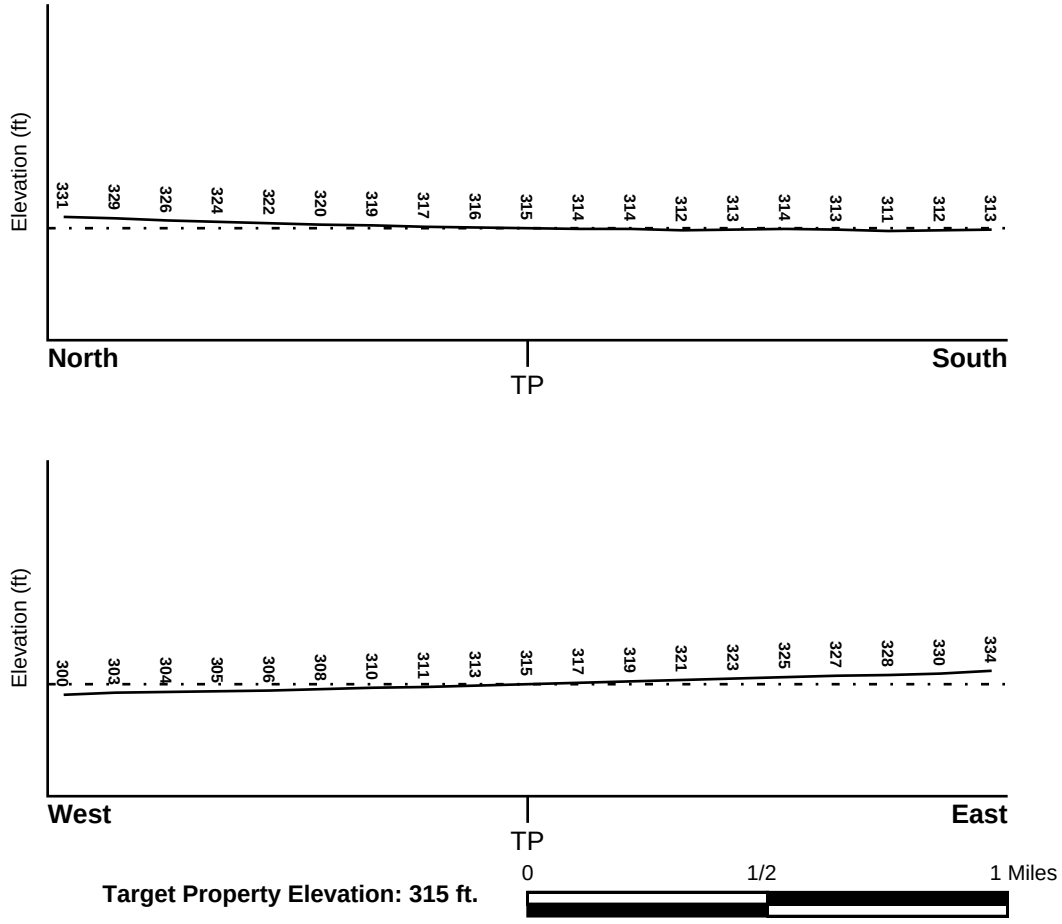
TOPOGRAPHIC INFORMATION

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 WSW

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
06037C1700F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BALDWIN PARK	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
Location Relative to TP:	1/2 - 1 Mile South
Site Name:	Brough Industries Inc.
Site EPA ID Number:	CAD983633710
Groundwater Flow Direction:	NOT AVAILABLE.
Measured Depth to Water:	not available.
Hydraulic Connection:	Aquifers under the site are most likely hydraulically connected.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Surficial Soil Types:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Shallow Soil Types:
fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types:
stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy loam

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 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000140001	1/4 - 1/2 Mile NNW
44	USGS40000140064	1/2 - 1 Mile North
I45	USGS40000139963	1/2 - 1 Mile WSW
I47	USGS40000139959	1/2 - 1 Mile WSW
Q100	USGS40000140130	1/2 - 1 Mile NNE
129	USGS40000139966	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
36	CA1910029	1/4 - 1/2 Mile ESE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B2	CADWR0000020435	1/4 - 1/2 Mile NNE
B3	CADWR0000001307	1/4 - 1/2 Mile NNE
A4	CADWR0000014532	1/4 - 1/2 Mile NNW
A5	CADWR0000010935	1/4 - 1/2 Mile NNW
6	1321	1/4 - 1/2 Mile West
C7	1320	1/4 - 1/2 Mile NNW
C8	CADDW0000007547	1/4 - 1/2 Mile NW
D9	CADDW0000013230	1/4 - 1/2 Mile SSW
D10	CADDW0000011466	1/4 - 1/2 Mile SSW
D11	CADDW0000010758	1/4 - 1/2 Mile SSW
D12	CADDW0000021542	1/4 - 1/2 Mile SSW
D13	CADDW0000002375	1/4 - 1/2 Mile SSW
D14	CADDW0000014342	1/4 - 1/2 Mile SSW
D15	CAEDF0000104423	1/4 - 1/2 Mile SSW
E16	CADWR0000019290	1/4 - 1/2 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E17	CADWR0000004829	1/4 - 1/2 Mile WSW
D18	1322	1/4 - 1/2 Mile SSW
D19	1323	1/4 - 1/2 Mile SSW
D20	1318	1/4 - 1/2 Mile SSW
D21	1319	1/4 - 1/2 Mile SSW
D22	22728	1/4 - 1/2 Mile SSW
D23	1312	1/4 - 1/2 Mile SSW
D24	1311	1/4 - 1/2 Mile SSW
D25	1317	1/4 - 1/2 Mile SSW
D26	1316	1/4 - 1/2 Mile SSW
D27	CAEDF0000069256	1/4 - 1/2 Mile SSW
D28	CAEDF0000002144	1/4 - 1/2 Mile SSW
D29	CAEDF0000131397	1/4 - 1/2 Mile SW
D30	CAEDF0000075302	1/4 - 1/2 Mile SW
D31	CAEDF0000036209	1/4 - 1/2 Mile SW
F32	CADWR8000006446	1/4 - 1/2 Mile South
D33	CAEDF0000038764	1/4 - 1/2 Mile SSW
D34	CAEDF0000130040	1/4 - 1/2 Mile SSW
G35	CADDW0000000025	1/4 - 1/2 Mile NW
H37	CAEDF0000009144	1/4 - 1/2 Mile SSW
H38	CAEDF0000100408	1/4 - 1/2 Mile SSW
G39	CADDW0000006837	1/4 - 1/2 Mile NW
40	1315	1/4 - 1/2 Mile NW
F41	CAEDF0000072132	1/4 - 1/2 Mile South
F42	CAEDF0000093145	1/4 - 1/2 Mile South
I43	CADDW0000005218	1/2 - 1 Mile WSW
I46	CADDW0000006107	1/2 - 1 Mile WSW
J48	CAEDF0000008467	1/2 - 1 Mile South
K49	CAEDF0000052101	1/2 - 1 Mile East
K50	CAEDF0000139160	1/2 - 1 Mile East
J51	CAEDF0000090308	1/2 - 1 Mile South
L52	CAEDF0000129374	1/2 - 1 Mile South
L53	CAEDF0000092596	1/2 - 1 Mile South
K54	CAEDF0000094024	1/2 - 1 Mile East
K55	CAEDF0000020501	1/2 - 1 Mile East
K56	CAEDF0000107053	1/2 - 1 Mile East
M57	CADWR0000012138	1/2 - 1 Mile NNE
M58	CADWR0000032431	1/2 - 1 Mile NNE
59	1314	1/2 - 1 Mile WNW
L60	CAEDF0000061268	1/2 - 1 Mile South
L61	CAEDF0000138858	1/2 - 1 Mile South
L62	CAEDF0000005226	1/2 - 1 Mile South
J63	CAEDF0000021435	1/2 - 1 Mile South
K64	CAEDF0000128161	1/2 - 1 Mile East
K65	CAEDF0000128038	1/2 - 1 Mile East
K66	CAEDF0000113050	1/2 - 1 Mile East
K67	CAEDF0000113834	1/2 - 1 Mile East
68	CAEDF0000084952	1/2 - 1 Mile South
69	CADDW0000005916	1/2 - 1 Mile WNW
N70	CAEDF0000051074	1/2 - 1 Mile South
N71	CAEDF0000129373	1/2 - 1 Mile South
O72	CAEDF0000044377	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
O73	CAEDF0000142135	1/2 - 1 Mile SSE
P74	CAEDF0000050146	1/2 - 1 Mile East
N75	CAEDF0000112681	1/2 - 1 Mile South
P76	CAEDF0000130279	1/2 - 1 Mile East
P77	CAEDF0000123625	1/2 - 1 Mile East
P78	CAEDF0000009407	1/2 - 1 Mile East
N79	CADWR8000006426	1/2 - 1 Mile South
P80	CAEDF0000040922	1/2 - 1 Mile East
P81	CAEDF0000121509	1/2 - 1 Mile East
P82	CAEDF0000108873	1/2 - 1 Mile East
P83	CAEDF0000119879	1/2 - 1 Mile East
P84	CAEDF0000034675	1/2 - 1 Mile East
P85	CAEDF0000077926	1/2 - 1 Mile East
P86	CAEDF0000112858	1/2 - 1 Mile East
P87	CAEDF0000035530	1/2 - 1 Mile East
P88	CAEDF0000125467	1/2 - 1 Mile East
P89	CAEDF0000112917	1/2 - 1 Mile East
P90	CAEDF0000141154	1/2 - 1 Mile East
P91	CAEDF0000099780	1/2 - 1 Mile East
P92	CAEDF0000110353	1/2 - 1 Mile East
P93	CAEDF0000135570	1/2 - 1 Mile East
P94	CAEDF0000114723	1/2 - 1 Mile East
P95	CAEDF0000032528	1/2 - 1 Mile East
P96	CAEDF0000052074	1/2 - 1 Mile East
97	CAEDF0000045664	1/2 - 1 Mile East
P98	CAEDF0000097320	1/2 - 1 Mile East
P99	CAEDF0000008907	1/2 - 1 Mile East
P101	CAEDF0000122560	1/2 - 1 Mile East
R102	CAEDF0000125478	1/2 - 1 Mile South
P103	CAEDF0000106437	1/2 - 1 Mile East
P104	CAEDF0000122518	1/2 - 1 Mile East
P105	CAEDF0000011759	1/2 - 1 Mile East
Q106	CADWR0000014533	1/2 - 1 Mile North
P107	CAEDF0000105656	1/2 - 1 Mile East
P108	CAEDF0000128384	1/2 - 1 Mile East
P109	CAEDF0000023643	1/2 - 1 Mile East
S110	1325	1/2 - 1 Mile ESE
T111	CADDW0000008627	1/2 - 1 Mile NNW
T112	CADDW0000005399	1/2 - 1 Mile NNW
T113	CADDW0000010061	1/2 - 1 Mile NNW
P114	CAEDF0000064056	1/2 - 1 Mile East
P115	CAEDF0000036078	1/2 - 1 Mile East
P116	CAEDF0000041229	1/2 - 1 Mile East
P117	CAEDF0000098006	1/2 - 1 Mile East
T118	1273	1/2 - 1 Mile NNW
T119	1274	1/2 - 1 Mile NNW
T120	1272	1/2 - 1 Mile NNW
T121	1309	1/2 - 1 Mile NNW
T122	1308	1/2 - 1 Mile NNW
123	CADWR8000006495	1/2 - 1 Mile NNW
R124	CAEDF0000049594	1/2 - 1 Mile South
R125	CAEDF0000089522	1/2 - 1 Mile South

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

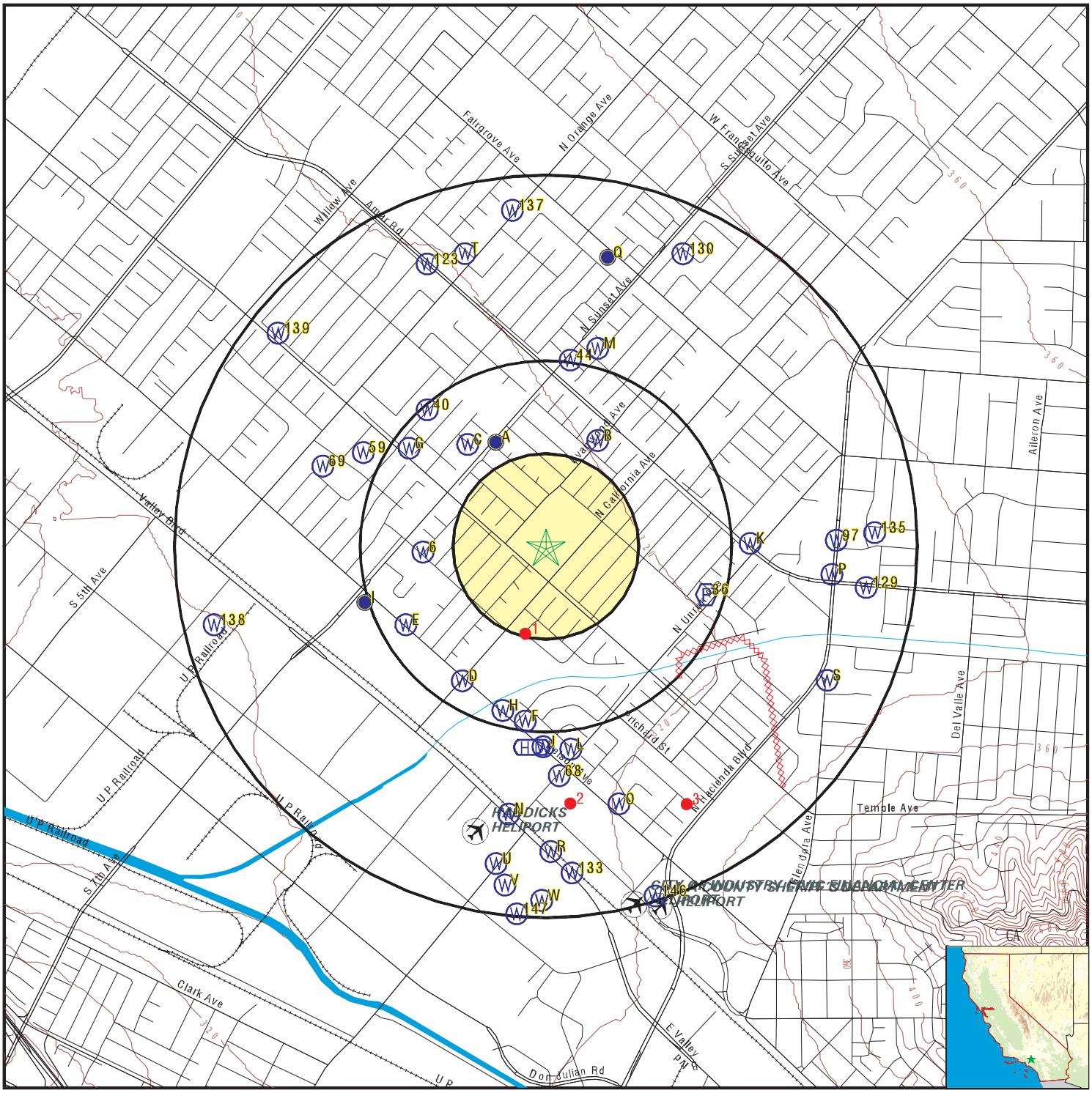
MAP ID	WELL ID	LOCATION FROM TP
U126	CAEDF0000063815	1/2 - 1 Mile South
S127	CADDW0000019505	1/2 - 1 Mile ESE
S128	14387	1/2 - 1 Mile ESE
130	CADWR0000000097	1/2 - 1 Mile NNE
U131	CAEDF0000036213	1/2 - 1 Mile South
U132	CAEDF0000014277	1/2 - 1 Mile South
133	CAEDF0000037776	1/2 - 1 Mile South
V134	CAEDF0000059890	1/2 - 1 Mile South
135	CADWR0000006277	1/2 - 1 Mile East
V136	CAEDF0000079854	1/2 - 1 Mile South
137	CADWR8000006509	1/2 - 1 Mile North
138	CADWR0000006059	1/2 - 1 Mile WSW
139	CADWR8000006474	1/2 - 1 Mile NW
V140	CAEDF0000137542	1/2 - 1 Mile South
W141	CAEDF0000113279	1/2 - 1 Mile South
W142	CAEDF0000081255	1/2 - 1 Mile South
V143	CAEDF0000093577	1/2 - 1 Mile South
W144	CAEDF0000101231	1/2 - 1 Mile South
W145	CAEDF0000139837	1/2 - 1 Mile South
146	CAEDF0000096923	1/2 - 1 Mile SSE
147	CAEDF0000113170	1/2 - 1 Mile South

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG13000005737	1/8 - 1/4 Mile SSW
2	CAOG13000005745	1/2 - 1 Mile South
3	CAOG13000005746	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 6274397.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	045.05245_635 N California Ave	CLIENT:	EFI Global Inc.
ADDRESS:	635 North California Avenue LA Puente CA 91744	CONTACT:	Susana Corletto
		INQUIRY #:	6274397.2s
LAT/LONG:	34.038563 / 117.963434	DATE:	November 20, 2020 10:04 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
NNW
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000140001**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S010W31G003S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

B2
NNE
1/4 - 1/2 Mile
Higher | **CA WELLS** | **CADWR0000020435**

Well ID:	01S10W31H002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W31H002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W31H002S&store_num=		
GeoTracker Data:	Not Reported		

B3
NNE
1/4 - 1/2 Mile
Higher | **CA WELLS** | **CADWR0000001307**

Well ID:	01S10W31H001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W31H001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W31H001S&store_num=		
GeoTracker Data:	Not Reported		

A4
NNW
1/4 - 1/2 Mile
Higher | **CA WELLS** | **CADWR0000014532**

Well ID:	01S10W31G004S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W31G004S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W31G004S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A5
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000010935**

Well ID:	01S10W31G001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W31G001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W31G001S&store_num=		
GeoTracker Data:	Not Reported		

6
West
1/4 - 1/2 Mile
Lower

CA WELLS **1321**

Seq:	1321	Prim sta c:	01S/10W-31L01 S
Frds no:	1910039031	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL B8 - ABANDONED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340218.0	Longitude:	1175806.0
Precision:	3	Status:	AB
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:	1910039	System nam:	San Gabriel Valley Water Co.-El Monte
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

C7
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **1320**

Seq:	1320	Prim sta c:	01S/10W-31G09 S
Frds no:	1910205034	County:	19
District:	15	User id:	MET
System no:	1910205	Water type:	G
Source nam:	147-W3	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	340234.0	Longitude:	1175757.0
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:	1910205	System nam:	Suburban Water Systems-San Jose
Hqname:	SUBURBAN WATER SYSTEMS	Address:	1211 E. CENTER COURT DRIVE
City:	COVINA	State:	CA
Zip:	91724	Zip ext:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pop serv:	89591	Connection:	31997
Area serve:	Not Reported		
Sample date:	06-OCT-17	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-OCT-17	Finding:	7.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-OCT-17	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-OCT-17	Finding:	16.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-OCT-17	Finding:	7.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-OCT-17	Finding:	1.
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-16	Finding:	1.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-16	Finding:	3.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-16	Finding:	2.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-16	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-NOV-16	Finding:	2.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-OCT-16	Finding:	2.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-OCT-16	Finding:	1.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-16	Finding:	3.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-16	Finding:	2.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	19-SEP-16	Finding:	1.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-SEP-16	Finding:	3.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-SEP-16	Finding:	2.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-SEP-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-AUG-16	Finding:	330.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	9.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	16-AUG-16	Finding:	1.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-AUG-16	Finding:	3.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-AUG-16	Finding:	2.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-AUG-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-16	Finding:	1.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-16	Finding:	3.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-16	Finding:	2.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-16	Finding:	3.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-16	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	27-JUN-16	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-JUN-16	Finding:	2.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-16	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-MAY-16	Finding:	2.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-16	Finding:	1.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-16	Finding:	2.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-APR-16	Finding:	3.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-APR-16	Finding:	4.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-APR-16	Finding:	1.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-APR-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-MAR-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-MAR-16	Finding:	3.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAR-16	Finding:	2.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAR-16	Finding:	1.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-FEB-16	Finding:	3.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	08-FEB-16	Finding:	1.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-FEB-16	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-FEB-16	Finding:	2.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-16	Finding:	2.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-16	Finding:	3.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-16	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-DEC-15	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-DEC-15	Finding:	3.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-DEC-15	Finding:	2.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-DEC-15	Finding:	1.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-NOV-15	Finding:	2.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-NOV-15	Finding:	2.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-NOV-15	Finding:	2.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-OCT-15	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-OCT-15	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-OCT-15	Finding:	2.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	19-OCT-15	Finding:	1.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-SEP-15	Finding:	2.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-SEP-15	Finding:	2.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-SEP-15	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-SEP-15	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-15	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-15	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-AUG-15	Finding:	2.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-15	Finding:	2.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUL-15	Finding:	2.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUL-15	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUL-15	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUL-15	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-15	Finding:	2.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-15	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	15-JUN-15	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-15	Finding:	1.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-15	Finding:	2.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	11-MAY-15	Finding:	2.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-15	Finding:	1.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-15	Finding:	2.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-15	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-APR-15	Finding:	8.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-APR-15	Finding:	1.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-APR-15	Finding:	2.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-APR-15	Finding:	1.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAR-15	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-MAR-15	Finding:	2.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAR-15	Finding:	2.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAR-15	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-15	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	18-FEB-15	Finding:	2.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-15	Finding:	2.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-15	Finding:	1.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JAN-15	Finding:	1.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JAN-15	Finding:	1.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JAN-15	Finding:	2.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JAN-15	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-DEC-14	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-DEC-14	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-DEC-14	Finding:	2.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	22-DEC-14	Finding:	1.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-DEC-14	Finding:	2.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-NOV-14	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-NOV-14	Finding:	1.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-NOV-14	Finding:	2.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	21-NOV-14	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-14	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-14	Finding:	2.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-OCT-14	Finding:	1.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-OCT-14	Finding:	2.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	1.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-SEP-14	Finding:	2.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-SEP-14	Finding:	1.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-SEP-14	Finding:	1.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-SEP-14	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-AUG-14	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-AUG-14	Finding:	58.
Chemical:	ALUMINUM	Report units:	UG/L
Dlr:	50.		
Sample date:	15-AUG-14	Finding:	11.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	15-AUG-14	Finding:	0.38
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-AUG-14	Finding:	1900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-AUG-14	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	14-AUG-14	Finding:	7.66
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	240.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	180.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	48.5
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	13.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	43.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	2.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	20.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	58.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-AUG-14	Finding:	0.38
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-AUG-14	Finding:	11.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	14-AUG-14	Finding:	5.e-002
Chemical:	FOAMING AGENTS (MBAS)	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	340.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	0.735
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

Sample date:	14-AUG-14	Finding:	0.259
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-AUG-14	Finding:	2.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-AUG-14	Finding:	6.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	11-AUG-14	Finding:	8.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-AUG-14	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-AUG-14	Finding:	1.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUL-14	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	10-JUL-14	Finding:	1.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUL-14	Finding:	2.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUL-14	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUL-14	Finding:	5.2
Chemical:	METHYL ETHYL KETONE	Report units:	UG/L
Dlr:	5.		
Sample date:	10-JUL-14	Finding:	1.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-JUN-14	Finding:	2.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-JUN-14	Finding:	1.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-JUN-14	Finding:	1.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	09-JUN-14	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-MAY-14	Finding:	0.418
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	13-MAY-14	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-MAY-14	Finding:	2.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAY-14	Finding:	1.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAY-14	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAY-14	Finding:	2.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	13-MAY-14	Finding:	1.6e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-MAY-14	Finding:	0.177
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-MAY-14	Finding:	0.297
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-MAY-14	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-MAY-14	Finding:	0.573
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-APR-14	Finding:	1.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-APR-14	Finding:	2.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-APR-14	Finding:	4.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		

Sample date:	15-APR-14	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-APR-14	Finding:	1.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAR-14	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAR-14	Finding:	1.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAR-14	Finding:	2.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAR-14	Finding:	2.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	12-MAR-14	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-FEB-14	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-FEB-14	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-14	Finding:	1.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-14	Finding:	2.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	11-FEB-14	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-14	Finding:	1.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-14	Finding:	2.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-14	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-JAN-14	Finding:	1.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	16-DEC-13	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-DEC-13	Finding:	1.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-DEC-13	Finding:	1.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-DEC-13	Finding:	2.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-13	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-NOV-13	Finding:	1.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-13	Finding:	1.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-13	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-13	Finding:	2.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	01-OCT-13	Finding:	2.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-13	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-OCT-13	Finding:	1.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-13	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-SEP-13	Finding:	8.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-SEP-13	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	13-SEP-13	Finding:	1.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-SEP-13	Finding:	2.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	13-SEP-13	Finding:	1.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-13	Finding:	330.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-AUG-13	Finding:	1.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-AUG-13	Finding:	1.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-AUG-13	Finding:	8.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-AUG-13	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-AUG-13	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-13	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-13	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUL-13	Finding:	1.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUL-13	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	17-JUL-13	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-13	Finding:	1.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-13	Finding:	0.89
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	07-JUN-13	Finding:	0.93
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-13	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-MAY-13	Finding:	8.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-MAY-13	Finding:	0.97
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAY-13	Finding:	1.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAY-13	Finding:	0.72
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-13	Finding:	1.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-13	Finding:	0.76
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-13	Finding:	9.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-APR-13	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	19-APR-13	Finding:	0.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-13	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-MAR-13	Finding:	1.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAR-13	Finding:	0.73
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAR-13	Finding:	0.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	15-MAR-13	Finding:	2.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	15-MAR-13	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-FEB-13	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	11-FEB-13	Finding:	1.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-13	Finding:	1.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-13	Finding:	2.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-13	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JAN-13	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	0.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	1.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	2.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-DEC-12	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-DEC-12	Finding:	4.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	17-DEC-12	Finding:	0.61
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-DEC-12	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	09-NOV-12	Finding:	2.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-12	Finding:	1.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-12	Finding:	1.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-12	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-NOV-12	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	07-NOV-12	Finding:	310.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-OCT-12	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-OCT-12	Finding:	2.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-OCT-12	Finding:	2.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-OCT-12	Finding:	1.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-OCT-12	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	13-SEP-12	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	13-SEP-12	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-SEP-12	Finding:	0.77
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-SEP-12	Finding:	1.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	13-SEP-12	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-AUG-12	Finding:	4.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	01-AUG-12	Finding:	1.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-AUG-12	Finding:	1.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-AUG-12	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-AUG-12	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JUL-12	Finding:	1.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-12	Finding:	0.86
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-12	Finding:	0.82
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-12	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	05-JUL-12	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-12	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-12	Finding:	1.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-12	Finding:	1.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-12	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-12	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L

Dlr:	0.		
Sample date:	15-JUN-12	Finding:	5.3
Chemical:	METHYL ETHYL KETONE	Report units:	UG/L
Dlr:	5.		
Sample date:	08-MAY-12	Finding:	0.58
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-MAY-12	Finding:	0.52
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-MAY-12	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-MAY-12	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	08-MAY-12	Finding:	1.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-APR-12	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	12-APR-12	Finding:	1.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-APR-12	Finding:	1.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-APR-12	Finding:	2.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-APR-12	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-MAR-12	Finding:	2.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	14-MAR-12	Finding:	1.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAR-12	Finding:	1.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAR-12	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	14-MAR-12	Finding:	1.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-FEB-12	Finding:	1.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-FEB-12	Finding:	1.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-FEB-12	Finding:	1.3
Chemical:	TRANS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-FEB-12	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-FEB-12	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-JAN-12	Finding:	2.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	19-JAN-12	Finding:	1.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JAN-12	Finding:	1.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JAN-12	Finding:	1.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JAN-12	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

C8
NW
1/4 - 1/2 Mile
Lower

CA WELLS **CADDW0000007547**

Well ID:	1910205-034	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	147-W3 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910205-034&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D9
SSW **CA WELLS** **CADDW0000013230**
1/4 - 1/2 Mile
Lower

Well ID:	1910205-039	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	152-W1 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910205-039&store_num=		
GeoTracker Data:	Not Reported		

D10
SSW **CA WELLS** **CADDW0000011466**
1/4 - 1/2 Mile
Lower

Well ID:	1910205-021	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	134-W1 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910205-021&store_num=		
GeoTracker Data:	Not Reported		

D11
SSW **CA WELLS** **CADDW0000010758**
1/4 - 1/2 Mile
Lower

Well ID:	1910205-033	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	147-W1 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910205-033&store_num=		
GeoTracker Data:	Not Reported		

D12
SSW **CA WELLS** **CADDW0000021542**
1/4 - 1/2 Mile
Lower

Well ID:	1910205-040	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	152-W2 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910205-040&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D13
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CADDW0000002375**

Well ID:	1910205-037	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	150-W1 - DESTROYED - INACTIVE		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910205-037&store_num=		
GeoTracker Data:	Not Reported		

D14
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CADDW0000014342**

Well ID:	1910039-028	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL B7B - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-028&store_num=		
GeoTracker Data:	Not Reported		

D15
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000104423**

Well ID:	T10000000672-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000000672&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000672&assigned_name=MW-3		

E16
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000019290**

Well ID:	01S10W31P005S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W31P005S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W31P005S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E17
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000004829**

Well ID:	01S10W31P001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W31P001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W31P001S&store_num=		
GeoTracker Data:	Not Reported		

D18
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **1322**

Seq:	1322	Prim sta c:	01S/10W-31P05 S
Frds no:	1910039028	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL B7B - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340200.0	Longitude:	1175800.0
Precision:	8	Status:	DS
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:	1910039	System nam:	San Gabriel Valley Water Co.-El Monte
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

D19
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **1323**

Seq:	1323	Prim sta c:	01S/10W-31P06 S
Frds no:	1910039029	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL B7C	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340200.0	Longitude:	1175800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910039	System nam:	San Gabriel Valley Water Co.-El Monte
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported

Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		
Sample date:	12-NOV-14	Finding:	4.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-14	Finding:	2.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-14	Finding:	15.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-14	Finding:	0.94
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-14	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-14	Finding:	5.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-14	Finding:	2.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-14	Finding:	22.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-14	Finding:	5.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-14	Finding:	3.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-SEP-14	Finding:	2.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-SEP-14	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-SEP-14	Finding:	3.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-14	Finding:	1.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-14	Finding:	2.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	14-AUG-14	Finding:	600.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	0.68
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-14	Finding:	0.36
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-AUG-14	Finding:	8.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	1.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	3.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-14	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-14	Finding:	2.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-14	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUN-14	Finding:	2.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUN-14	Finding:	9.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUN-14	Finding:	1.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	0.525
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	06-MAY-14	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	1.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	06-MAY-14	Finding:	0.116
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	06-MAY-14	Finding:	0.322
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	06-MAY-14	Finding:	3.88
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	06-MAY-14	Finding:	0.32
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	06-MAY-14	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	1.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	0.76
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	1.6e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	2.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-APR-14	Finding:	3.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-APR-14	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	3700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	31-MAR-14	Finding:	1.6e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	0.68
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	1.14
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	2.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	4.9
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	31-MAR-14	Finding:	0.28
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	0.28
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	31-MAR-14	Finding:	170.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	68.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	2.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	78.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	27.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	90.2
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	340.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	31-MAR-14	Finding:	310.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	250.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	7.76
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	990.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	0.418
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	31-MAR-14	Finding:	0.244
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	0.522
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	620.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-MAR-14	Finding:	4.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAR-14	Finding:	3.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAR-14	Finding:	17.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAR-14	Finding:	0.96
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JAN-14	Finding:	6.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JAN-14	Finding:	4.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	08-JAN-14	Finding:	25.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-13	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-13	Finding:	3.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-13	Finding:	2.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-13	Finding:	0.76
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-13	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-13	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-13	Finding:	2.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-SEP-13	Finding:	3.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-SEP-13	Finding:	2.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-13	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-13	Finding:	2.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-13	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-13	Finding:	0.7
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	14-AUG-13	Finding:	23.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	940.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	7.89
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	330.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	89.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	26.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	77.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	2.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	60.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	150.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-AUG-13	Finding:	0.38
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-AUG-13	Finding:	600.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	1.24
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

Sample date:	14-AUG-13	Finding:	0.778
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-AUG-13	Finding:	12.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-AUG-13	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-13	Finding:	2.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-13	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-13	Finding:	3.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-13	Finding:	2.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-13	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-13	Finding:	1.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-13	Finding:	3.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-13	Finding:	7.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-MAY-13	Finding:	4.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-MAY-13	Finding:	3.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-MAY-13	Finding:	15.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-MAY-13	Finding:	1.
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-13	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	02-MAY-13	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-13	Finding:	1.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-APR-13	Finding:	2.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-APR-13	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-APR-13	Finding:	3.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-13	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-13	Finding:	2.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-13	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-13	Finding:	0.83
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-13	Finding:	4.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-13	Finding:	2.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-13	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-13	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-13	Finding:	2.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-13	Finding:	4.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	30-JAN-13	Finding:	3.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-JAN-13	Finding:	16.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-JAN-13	Finding:	4.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-12	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-12	Finding:	1.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-12	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-OCT-12	Finding:	2.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-OCT-12	Finding:	1.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-OCT-12	Finding:	8.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-12	Finding:	1.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-12	Finding:	8.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-12	Finding:	3.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-AUG-12	Finding:	9.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-AUG-12	Finding:	1.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-AUG-12	Finding:	2.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-AUG-12	Finding:	0.62
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	09-AUG-12	Finding:	580.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	02-AUG-12	Finding:	1.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-12	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-12	Finding:	3.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-12	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-12	Finding:	2.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-12	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUN-12	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUN-12	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUN-12	Finding:	1.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAY-12	Finding:	2.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAY-12	Finding:	3.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAY-12	Finding:	8.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAY-12	Finding:	0.69
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-12	Finding:	2.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	01-MAY-12	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-12	Finding:	9.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-12	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-12	Finding:	1.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-12	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-12	Finding:	2.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-12	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-12	Finding:	3.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-12	Finding:	8.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-12	Finding:	1.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-12	Finding:	2.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-12	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-12	Finding:	1.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-12	Finding:	3.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JAN-12	Finding:	2.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JAN-12	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	05-JAN-12	Finding:	9.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

D20
SSW **CA WELLS 1318**
1/4 - 1/2 Mile
Lower

Seq:	1318	Prim sta c:	01S/10W-31G04 S
Frds no:	1910205033	County:	19
District:	15	User id:	MET
System no:	1910205	Water type:	G
Source nam:	147-W1 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340200.0	Longitude:	1175800.0
Precision:	8	Status:	IR
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:	1910205	System nam:	Suburban Water Systems-San Jose
Hqname:	SUBURBAN WATER SYSTEMS	Address:	1211 E. CENTER COURT DRIVE
City:	COVINA	State:	CA
Zip:	91724	Zip ext:	Not Reported
Pop serv:	89591	Connection:	31997
Area serve:	Not Reported		

D21
SSW **CA WELLS 1319**
1/4 - 1/2 Mile
Lower

Seq:	1319	Prim sta c:	01S/10W-31G07 S
Frds no:	1910205040	County:	19
District:	15	User id:	MET
System no:	1910205	Water type:	G
Source nam:	152-W2 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340200.0	Longitude:	1175800.0
Precision:	8	Status:	DS
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:	1910205	System nam:	Suburban Water Systems-San Jose
Hqname:	SUBURBAN WATER SYSTEMS	Address:	1211 E. CENTER COURT DRIVE
City:	COVINA	State:	CA
Zip:	91724	Zip ext:	Not Reported
Pop serv:	89591	Connection:	31997
Area serve:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D22
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **22728**

Seq:	22728	Prim sta c:	G19/039-OASB11B
Frds no:	1910039062	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	AIR STRIPPING EFFLUENT - WELL B11B	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	340200.0	Longitude:	1175800.0
Precision:	3	Status:	CT
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:	1910039	System nam:	San Gabriel Valley Water Co.-El Monte
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		
Sample date:	13-JUL-16	Finding:	0.68
Chemical:	CHLOROMETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-16	Finding:	0.66
Chemical:	CHLOROMETHANE	Report units:	UG/L
Dlr:	0.5		

D23
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **1312**

Seq:	1312	Prim sta c:	01S/10W-31A03 S
Frds no:	1910205021	County:	19
District:	15	User id:	MET
System no:	1910205	Water type:	G
Source nam:	134-W1 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340200.0	Longitude:	1175800.0
Precision:	8	Status:	IR
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:	1910205	System nam:	Suburban Water Systems-San Jose
Hqname:	SUBURBAN WATER SYSTEMS	Address:	1211 E. CENTER COURT DRIVE
City:	COVINA	State:	CA
Zip:	91724	Zip ext:	Not Reported
Pop serv:	89591	Connection:	31997
Area serve:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D24
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **1311**

Seq:	1311	Prim sta c:	01S/10W-30R01 S
Frds no:	1910205037	County:	19
District:	15	User id:	MET
System no:	1910205	Water type:	G
Source nam:	150-W1 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340200.0	Longitude:	1175800.0
Precision:	8	Status:	IR
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:	1910205	System nam:	Suburban Water Systems-San Jose
Hqname:	SUBURBAN WATER SYSTEMS	Address:	1211 E. CENTER COURT DRIVE
City:	COVINA	State:	CA
Zip:	91724	Zip ext:	Not Reported
Pop serv:	89591	Connection:	31997
Area serve:	Not Reported		

D25
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **1317**

Seq:	1317	Prim sta c:	01S/10W-31G03 S
Frds no:	1910205039	County:	19
District:	15	User id:	MET
System no:	1910205	Water type:	G
Source nam:	152-W1 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340200.0	Longitude:	1175800.0
Precision:	8	Status:	DS
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:	1910205	System nam:	Suburban Water Systems-San Jose
Hqname:	SUBURBAN WATER SYSTEMS	Address:	1211 E. CENTER COURT DRIVE
City:	COVINA	State:	CA
Zip:	91724	Zip ext:	Not Reported
Pop serv:	89591	Connection:	31997
Area serve:	Not Reported		

D26
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **1316**

Seq:	1316	Prim sta c:	01S/10W-31F04 S
Frds no:	1910039018	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL B11B	Station ty:	WELL/AMBNT/MUN/INTAKE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude:	340200.0	Longitude:	1175800.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910039	System nam:	San Gabriel Valley Water Co.-El Monte
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

Sample date:	28-FEB-18	Finding:	0.63
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	28-FEB-18	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	28-FEB-18	Finding:	5.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	28-FEB-18	Finding:	4.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	28-FEB-18	Finding:	0.56
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		

Sample date:	21-FEB-18	Finding:	0.65
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		

Sample date:	21-FEB-18	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	21-FEB-18	Finding:	5.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	21-FEB-18	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	21-FEB-18	Finding:	0.52
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	14-FEB-18	Finding:	0.75
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		

Sample date:	14-FEB-18	Finding:	5.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	14-FEB-18	Finding:	0.63
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-FEB-18	Finding:	9.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-FEB-18	Finding:	0.85
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-FEB-18	Finding:	5.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-18	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-18	Finding:	5.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-18	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-18	Finding:	0.65
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-18	Finding:	9.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-FEB-18	Finding:	0.64
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-FEB-18	Finding:	2.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-FEB-18	Finding:	0.63
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-FEB-18	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-FEB-18	Finding:	5.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-FEB-18	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-FEB-18	Finding:	0.64
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L

Dlr:	0.5		
Sample date:	31-JAN-18	Finding:	4.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-JAN-18	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-JAN-18	Finding:	0.6
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-JAN-18	Finding:	3.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-JAN-18	Finding:	0.55
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-JAN-18	Finding:	4.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-JAN-18	Finding:	5.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-JAN-18	Finding:	0.64
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-JAN-18	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JAN-18	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JAN-18	Finding:	5.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JAN-18	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JAN-18	Finding:	0.53
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JAN-18	Finding:	0.72
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JAN-18	Finding:	0.79
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		

Sample date:	10-JAN-18	Finding:	6.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JAN-18	Finding:	0.65
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JAN-18	Finding:	9.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JAN-18	Finding:	5.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JAN-18	Finding:	0.89
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JAN-18	Finding:	6.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JAN-18	Finding:	4.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JAN-18	Finding:	0.76
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JAN-18	Finding:	9.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-JAN-18	Finding:	4.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JAN-18	Finding:	0.57
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-DEC-17	Finding:	0.73
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-DEC-17	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-DEC-17	Finding:	4.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-DEC-17	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-DEC-17	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	20-DEC-17	Finding:	1.6
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-DEC-17	Finding:	9.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-DEC-17	Finding:	17.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-DEC-17	Finding:	1.1
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-DEC-17	Finding:	9.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-DEC-17	Finding:	4.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-DEC-17	Finding:	0.62
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-DEC-17	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-DEC-17	Finding:	5.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-DEC-17	Finding:	0.73
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	0.91
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	9.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-DEC-17	Finding:	0.57
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	4.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	5.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	06-DEC-17	Finding:	4.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-17	Finding:	0.51
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-17	Finding:	4.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-17	Finding:	0.75
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-17	Finding:	4.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-17	Finding:	6.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-NOV-17	Finding:	3.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-NOV-17	Finding:	4.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-NOV-17	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-NOV-17	Finding:	0.62
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-NOV-17	Finding:	0.67
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-NOV-17	Finding:	5.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-NOV-17	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-NOV-17	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-NOV-17	Finding:	0.57
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-NOV-17	Finding:	0.65
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L

Dlr:	0.5		
Sample date:	08-NOV-17	Finding:	4.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-NOV-17	Finding:	5.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-NOV-17	Finding:	3.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-17	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-17	Finding:	5.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-17	Finding:	0.82
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-17	Finding:	2.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-NOV-17	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-NOV-17	Finding:	8.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-NOV-17	Finding:	0.98
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-NOV-17	Finding:	7.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-NOV-17	Finding:	9.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-NOV-17	Finding:	0.8
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-NOV-17	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-OCT-17	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	25-OCT-17	Finding:	4.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-OCT-17	Finding:	4.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-OCT-17	Finding:	0.6
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-OCT-17	Finding:	3.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-OCT-17	Finding:	0.57
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-OCT-17	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-OCT-17	Finding:	4.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-17	Finding:	4.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-17	Finding:	4.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-17	Finding:	0.6
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-OCT-17	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-17	Finding:	3.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-17	Finding:	5.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-17	Finding:	4.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-17	Finding:	0.72
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-17	Finding:	0.59
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	27-SEP-17	Finding:	0.56
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-SEP-17	Finding:	4.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-SEP-17	Finding:	0.86
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-SEP-17	Finding:	5.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-SEP-17	Finding:	5.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-SEP-17	Finding:	5.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-SEP-17	Finding:	4.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-SEP-17	Finding:	0.53
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-SEP-17	Finding:	4.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-SEP-17	Finding:	0.73
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-SEP-17	Finding:	9.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-SEP-17	Finding:	4.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-SEP-17	Finding:	5.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-SEP-17	Finding:	0.69
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-SEP-17	Finding:	3.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	13-SEP-17	Finding:	0.56
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-SEP-17	Finding:	0.56
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-SEP-17	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-SEP-17	Finding:	5.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-SEP-17	Finding:	4.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-AUG-17	Finding:	0.56
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-AUG-17	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-AUG-17	Finding:	4.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-AUG-17	Finding:	4.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-17	Finding:	0.54
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-17	Finding:	4.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-17	Finding:	5.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-17	Finding:	4.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-17	Finding:	0.52
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-AUG-17	Finding:	400.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-AUG-17	Finding:	3.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	16-AUG-17	Finding:	0.54
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-AUG-17	Finding:	4.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-AUG-17	Finding:	5.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-AUG-17	Finding:	3.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-AUG-17	Finding:	0.54
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-AUG-17	Finding:	6.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-AUG-17	Finding:	4.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-AUG-17	Finding:	0.56
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-AUG-17	Finding:	9.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	16-AUG-17	Finding:	0.37
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-AUG-17	Finding:	3.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-AUG-17	Finding:	15.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-AUG-17	Finding:	8.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-AUG-17	Finding:	1.3
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-AUG-17	Finding:	0.96
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		

Sample date:	09-AUG-17	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-17	Finding:	0.55
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-17	Finding:	4.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-17	Finding:	5.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-17	Finding:	4.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-17	Finding:	0.64
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JUL-17	Finding:	8.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JUL-17	Finding:	11.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JUL-17	Finding:	6.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JUL-17	Finding:	0.92
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JUL-17	Finding:	0.72
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-17	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-17	Finding:	5.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-17	Finding:	0.52
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUL-17	Finding:	4.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JUL-17	Finding:	0.52
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	12-JUL-17	Finding:	5.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JUL-17	Finding:	5.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JUL-17	Finding:	4.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JUL-17	Finding:	0.61
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-17	Finding:	6.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-17	Finding:	4.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-17	Finding:	0.54
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-17	Finding:	4.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-17	Finding:	0.59
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-17	Finding:	0.57
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-17	Finding:	0.66
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-17	Finding:	3.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-17	Finding:	5.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-17	Finding:	4.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JUN-17	Finding:	0.67
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	21-JUN-17	Finding:	4.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JUN-17	Finding:	6.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JUN-17	Finding:	4.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JUN-17	Finding:	0.82
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-17	Finding:	9.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	14-JUN-17	Finding:	0.84
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-JUN-17	Finding:	4.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-JUN-17	Finding:	8.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-JUN-17	Finding:	6.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-JUN-17	Finding:	0.89
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-17	Finding:	0.78
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-17	Finding:	0.88
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-17	Finding:	4.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-17	Finding:	7.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUN-17	Finding:	5.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-17	Finding:	7.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	31-MAY-17	Finding:	1.4
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-17	Finding:	15.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-17	Finding:	0.91
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-17	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-MAY-17	Finding:	0.53
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-MAY-17	Finding:	4.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-MAY-17	Finding:	0.53
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-MAY-17	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-MAY-17	Finding:	5.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-17	Finding:	4.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-17	Finding:	5.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-17	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-17	Finding:	0.53
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAY-17	Finding:	0.86
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAY-17	Finding:	9.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	10-MAY-17	Finding:	0.55
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAY-17	Finding:	6.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAY-17	Finding:	0.76
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAY-17	Finding:	1.6
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAY-17	Finding:	8.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAY-17	Finding:	17.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAY-17	Finding:	1.1
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAY-17	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAY-17	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-MAY-17	Finding:	5.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-17	Finding:	4.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-17	Finding:	8.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-17	Finding:	5.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-17	Finding:	0.67
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-17	Finding:	0.8
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-17	Finding:	5.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	26-APR-17	Finding:	8.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-17	Finding:	4.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-17	Finding:	0.67
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-17	Finding:	0.69
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-17	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-17	Finding:	0.7
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-17	Finding:	4.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-17	Finding:	5.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-17	Finding:	0.58
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-APR-17	Finding:	4.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-APR-17	Finding:	8.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-APR-17	Finding:	5.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-APR-17	Finding:	0.7
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-APR-17	Finding:	0.8
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-17	Finding:	5.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	05-APR-17	Finding:	9.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-17	Finding:	0.55
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-17	Finding:	5.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-17	Finding:	0.58
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-17	Finding:	0.86
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-17	Finding:	5.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-17	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-17	Finding:	0.76
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-17	Finding:	6.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-17	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAR-17	Finding:	9.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAR-17	Finding:	1.1
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAR-17	Finding:	16.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAR-17	Finding:	8.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAR-17	Finding:	1.5
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAR-17	Finding:	1.4
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	15-MAR-17	Finding:	8.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAR-17	Finding:	18.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAR-17	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAR-17	Finding:	1.1
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAR-17	Finding:	7.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	09-MAR-17	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	08-MAR-17	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-MAR-17	Finding:	1.4
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-MAR-17	Finding:	8.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-MAR-17	Finding:	17.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-MAR-17	Finding:	1.1
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-17	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-17	Finding:	1.3
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-17	Finding:	2.
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-17	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	02-MAR-17	Finding:	23.
Chemical:	TRANS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-17	Finding:	23.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-FEB-17	Finding:	1.6
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-FEB-17	Finding:	27.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-FEB-17	Finding:	13.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-FEB-17	Finding:	2.3
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-FEB-17	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-FEB-17	Finding:	1.8
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-FEB-17	Finding:	9.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-FEB-17	Finding:	21.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-FEB-17	Finding:	1.3
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-FEB-17	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-FEB-17	Finding:	2.
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-FEB-17	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-FEB-17	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-FEB-17	Finding:	1.5
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L

Dlr:	0.5		
Sample date:	08-FEB-17	Finding:	23.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-FEB-17	Finding:	2.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-FEB-17	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-FEB-17	Finding:	23.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-FEB-17	Finding:	1.4
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-FEB-17	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-FEB-17	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-17	Finding:	2.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-17	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-17	Finding:	23.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-17	Finding:	1.5
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-17	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-17	Finding:	17.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-17	Finding:	8.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-17	Finding:	1.1
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		

Sample date:	25-JAN-17	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-17	Finding:	1.6
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JAN-17	Finding:	1.2
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JAN-17	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JAN-17	Finding:	23.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JAN-17	Finding:	1.5
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JAN-17	Finding:	8.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-JAN-17	Finding:	9.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-JAN-17	Finding:	25.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-JAN-17	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-JAN-17	Finding:	1.4
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-JAN-17	Finding:	1.9
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-DEC-16	Finding:	0.71
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-DEC-16	Finding:	6.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-DEC-16	Finding:	0.55
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-DEC-16	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	14-DEC-16	Finding:	6.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-DEC-16	Finding:	10.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-16	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-16	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-16	Finding:	0.76
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-16	Finding:	8.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-16	Finding:	7.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-NOV-16	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	30-NOV-16	Finding:	8.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-NOV-16	Finding:	14.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-NOV-16	Finding:	0.99
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-NOV-16	Finding:	9.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-NOV-16	Finding:	1.4
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-NOV-16	Finding:	8.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	22-NOV-16	Finding:	8.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	22-NOV-16	Finding:	1.1
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-NOV-16	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-NOV-16	Finding:	6.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-NOV-16	Finding:	1.8
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-NOV-16	Finding:	4.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-NOV-16	Finding:	5.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-NOV-16	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-NOV-16	Finding:	0.76
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-NOV-16	Finding:	0.57
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-16	Finding:	5.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-16	Finding:	8.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-16	Finding:	0.55
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-16	Finding:	6.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-16	Finding:	0.64
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-16	Finding:	0.87
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-16	Finding:	5.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	09-NOV-16	Finding:	8.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-16	Finding:	0.56
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-16	Finding:	5.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-16	Finding:	0.6
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-NOV-16	Finding:	3.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-NOV-16	Finding:	0.96
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-NOV-16	Finding:	6.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-NOV-16	Finding:	11.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-NOV-16	Finding:	0.67
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-NOV-16	Finding:	7.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-NOV-16	Finding:	1.
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-OCT-16	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-OCT-16	Finding:	6.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-OCT-16	Finding:	0.72
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-OCT-16	Finding:	9.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	26-OCT-16	Finding:	5.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-OCT-16	Finding:	0.99
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-OCT-16	Finding:	7.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-OCT-16	Finding:	5.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-OCT-16	Finding:	0.53
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-OCT-16	Finding:	6.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-OCT-16	Finding:	0.52
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-OCT-16	Finding:	0.7
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-OCT-16	Finding:	4.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-OCT-16	Finding:	7.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-OCT-16	Finding:	4.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-OCT-16	Finding:	0.79
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-16	Finding:	0.69
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-16	Finding:	5.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-16	Finding:	0.55
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-16	Finding:	6.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	04-OCT-16	Finding:	4.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-16	Finding:	0.9
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-16	Finding:	4.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-16	Finding:	7.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-16	Finding:	5.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-16	Finding:	0.78
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-16	Finding:	0.72
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-SEP-16	Finding:	7.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-SEP-16	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-SEP-16	Finding:	0.83
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-SEP-16	Finding:	8.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-SEP-16	Finding:	1.5
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-SEP-16	Finding:	4.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-SEP-16	Finding:	0.76
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-SEP-16	Finding:	6.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	14-SEP-16	Finding:	4.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-SEP-16	Finding:	0.68
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-16	Finding:	0.8
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-16	Finding:	4.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-16	Finding:	7.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-16	Finding:	5.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-16	Finding:	0.64
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-AUG-16	Finding:	7.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-AUG-16	Finding:	15.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-AUG-16	Finding:	0.89
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-AUG-16	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-AUG-16	Finding:	1.3
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-AUG-16	Finding:	10.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-AUG-16	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	24-AUG-16	Finding:	4.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-AUG-16	Finding:	6.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	24-AUG-16	Finding:	4.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-AUG-16	Finding:	0.81
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-AUG-16	Finding:	0.68
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-16	Finding:	7.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-16	Finding:	4.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-16	Finding:	390.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-AUG-16	Finding:	0.82
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-16	Finding:	4.e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-AUG-16	Finding:	0.69
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-16	Finding:	4.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-16	Finding:	6.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-16	Finding:	4.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-16	Finding:	0.7
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-16	Finding:	7.9e-002
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-AUG-16	Finding:	3.2e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dlr:	1.		

Sample date:	17-AUG-16	Finding:	0.525
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-AUG-16	Finding:	0.363
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-AUG-16	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-AUG-16	Finding:	3.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-AUG-16	Finding:	3.84
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	17-AUG-16	Finding:	0.25
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-AUG-16	Finding:	3.2
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	17-AUG-16	Finding:	0.79
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-AUG-16	Finding:	5.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-AUG-16	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-AUG-16	Finding:	7.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-AUG-16	Finding:	4.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-AUG-16	Finding:	0.84
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-AUG-16	Finding:	0.71
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-16	Finding:	4.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-16	Finding:	7.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	02-AUG-16	Finding:	5.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-16	Finding:	0.75
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-16	Finding:	0.77
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUL-16	Finding:	4.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUL-16	Finding:	7.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUL-16	Finding:	4.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUL-16	Finding:	0.71
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUL-16	Finding:	0.69
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-JUL-16	Finding:	0.78
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-JUL-16	Finding:	3.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-JUL-16	Finding:	7.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-JUL-16	Finding:	0.51
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-JUL-16	Finding:	0.79
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-JUL-16	Finding:	5.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUL-16	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	13-JUL-16	Finding:	6.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUL-16	Finding:	4.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUL-16	Finding:	0.71
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUL-16	Finding:	0.72
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-16	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-16	Finding:	7.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-16	Finding:	4.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-16	Finding:	0.67
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-16	Finding:	0.72
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JUN-16	Finding:	7.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JUN-16	Finding:	0.52
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JUN-16	Finding:	0.76
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JUN-16	Finding:	4.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JUN-16	Finding:	0.65
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JUN-16	Finding:	4.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-16	Finding:	0.86
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L

Dlr:	0.5		
Sample date:	22-JUN-16	Finding:	6.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-16	Finding:	0.66
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-16	Finding:	9.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-16	Finding:	5.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-16	Finding:	1.
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-16	Finding:	0.93
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-16	Finding:	5.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-16	Finding:	0.63
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-16	Finding:	5.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-16	Finding:	0.56
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUN-16	Finding:	10.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUN-16	Finding:	5.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUN-16	Finding:	0.64
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUN-16	Finding:	10.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUN-16	Finding:	5.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	08-JUN-16	Finding:	0.67
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUN-16	Finding:	0.89
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUN-16	Finding:	6.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUN-16	Finding:	0.81
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUN-16	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUN-16	Finding:	6.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUN-16	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	9.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-MAY-16	Finding:	6.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAY-16	Finding:	6.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAY-16	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAY-16	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAY-16	Finding:	0.83
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAY-16	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	18-MAY-16	Finding:	0.51
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-MAY-16	Finding:	6.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	18-MAY-16	Finding:	0.75
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-MAY-16	Finding:	11.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-MAY-16	Finding:	5.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-MAY-16	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-16	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-16	Finding:	6.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-16	Finding:	0.79
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-16	Finding:	6.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAY-16	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAY-16	Finding:	5.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAY-16	Finding:	0.76
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAY-16	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAY-16	Finding:	6.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAY-16	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-MAY-16	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	03-MAY-16	Finding:	6.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAY-16	Finding:	0.81
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAY-16	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAY-16	Finding:	6.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAY-16	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-APR-16	Finding:	5.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-APR-16	Finding:	0.73
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-APR-16	Finding:	4.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-APR-16	Finding:	7.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-APR-16	Finding:	0.65
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-APR-16	Finding:	1.3
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-APR-16	Finding:	6.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-APR-16	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-APR-16	Finding:	0.84
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-APR-16	Finding:	7.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-APR-16	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	13-APR-16	Finding:	7.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-APR-16	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-APR-16	Finding:	0.86
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-APR-16	Finding:	8.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-16	Finding:	7.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-16	Finding:	1.3
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-16	Finding:	7.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-16	Finding:	14.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-16	Finding:	0.92
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAR-16	Finding:	1.9
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAR-16	Finding:	1.4
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAR-16	Finding:	20.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAR-16	Finding:	9.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAR-16	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-16	Finding:	0.93
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		

Sample date:	29-MAR-16	Finding:	1.3
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-16	Finding:	7.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-16	Finding:	10.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-16	Finding:	7.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-16	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-MAR-16	Finding:	1.4
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-MAR-16	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-MAR-16	Finding:	1.7
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-MAR-16	Finding:	9.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-MAR-16	Finding:	24.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-MAR-16	Finding:	1.4
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-MAR-16	Finding:	1.2
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-MAR-16	Finding:	17.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-MAR-16	Finding:	8.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-MAR-16	Finding:	8.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAR-16	Finding:	1.4
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L

Dlr:	0.5		
Sample date:	09-MAR-16	Finding:	1.7
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAR-16	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAR-16	Finding:	24.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAR-16	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAR-16	Finding:	6.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAR-16	Finding:	0.78
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAR-16	Finding:	1.
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAR-16	Finding:	6.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAR-16	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-16	Finding:	9.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-16	Finding:	1.3
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-16	Finding:	1.6
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-16	Finding:	9.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-16	Finding:	22.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	15.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	13-JAN-16	Finding:	2.4
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	14.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	28.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	1.8
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JAN-16	Finding:	2.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JAN-16	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JAN-16	Finding:	25.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JAN-16	Finding:	1.6
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JAN-16	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-DEC-15	Finding:	14.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-DEC-15	Finding:	1.7
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-DEC-15	Finding:	13.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-DEC-15	Finding:	26.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-DEC-15	Finding:	2.3
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-DEC-15	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-DEC-15	Finding:	1.7
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L

Dlr:	0.5		
Sample date:	22-DEC-15	Finding:	25.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-DEC-15	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-DEC-15	Finding:	2.6
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-DEC-15	Finding:	1.7
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-DEC-15	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-DEC-15	Finding:	24.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-DEC-15	Finding:	2.3
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-DEC-15	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-DEC-15	Finding:	12.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-DEC-15	Finding:	1.7
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-DEC-15	Finding:	27.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-DEC-15	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-DEC-15	Finding:	2.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-DEC-15	Finding:	3.
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-DEC-15	Finding:	19.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	01-DEC-15	Finding:	43.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-DEC-15	Finding:	19.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-DEC-15	Finding:	3.3
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-NOV-15	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-NOV-15	Finding:	1.8
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-NOV-15	Finding:	20.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-NOV-15	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-NOV-15	Finding:	1.4
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-NOV-15	Finding:	1.3
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-NOV-15	Finding:	6.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-NOV-15	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-NOV-15	Finding:	6.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-NOV-15	Finding:	0.87
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-15	Finding:	1.6
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-15	Finding:	1.2
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-15	Finding:	18.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	12-NOV-15	Finding:	8.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-15	Finding:	8.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-15	Finding:	0.51
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-15	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-NOV-15	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-NOV-15	Finding:	2.
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-NOV-15	Finding:	22.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-NOV-15	Finding:	1.5
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-NOV-15	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-15	Finding:	5.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-15	Finding:	9.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-15	Finding:	7.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-15	Finding:	0.64
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-15	Finding:	0.82
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-OCT-15	Finding:	5.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	28-OCT-15	Finding:	0.77
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-OCT-15	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-OCT-15	Finding:	5.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-OCT-15	Finding:	0.98
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-OCT-15	Finding:	6.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-OCT-15	Finding:	0.89
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-OCT-15	Finding:	15.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-OCT-15	Finding:	6.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-OCT-15	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-OCT-15	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-OCT-15	Finding:	28.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-OCT-15	Finding:	1.7
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-OCT-15	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-OCT-15	Finding:	2.
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-OCT-15	Finding:	7.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-OCT-15	Finding:	14.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	06-OCT-15	Finding:	0.87
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-OCT-15	Finding:	6.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-OCT-15	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-SEP-15	Finding:	6.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-SEP-15	Finding:	0.93
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-SEP-15	Finding:	6.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-SEP-15	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-SEP-15	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-SEP-15	Finding:	7.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-SEP-15	Finding:	1.2
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-SEP-15	Finding:	17.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-SEP-15	Finding:	9.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-SEP-15	Finding:	1.4
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-SEP-15	Finding:	0.84
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-SEP-15	Finding:	5.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	16-SEP-15	Finding:	11.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-SEP-15	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-SEP-15	Finding:	5.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-15	Finding:	6.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-15	Finding:	0.89
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-15	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-15	Finding:	6.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-15	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-SEP-15	Finding:	0.84
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-SEP-15	Finding:	6.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-SEP-15	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-SEP-15	Finding:	6.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-SEP-15	Finding:	0.98
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-15	Finding:	6.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-15	Finding:	0.83
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-15	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	26-AUG-15	Finding:	6.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-15	Finding:	0.97
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-AUG-15	Finding:	5.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-AUG-15	Finding:	0.86
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-AUG-15	Finding:	11.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-AUG-15	Finding:	0.75
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-AUG-15	Finding:	4.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-AUG-15	Finding:	1.
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-AUG-15	Finding:	4.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-AUG-15	Finding:	11.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-AUG-15	Finding:	0.9
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-AUG-15	Finding:	4.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-AUG-15	Finding:	5.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-AUG-15	Finding:	0.68
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-AUG-15	Finding:	9.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	10-AUG-15	Finding:	5.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-AUG-15	Finding:	0.81
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-15	Finding:	5.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-15	Finding:	0.75
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-15	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-15	Finding:	4.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-15	Finding:	0.84
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JUL-15	Finding:	30.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JUL-15	Finding:	4.7
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JUL-15	Finding:	31.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JUL-15	Finding:	64.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JUL-15	Finding:	4.7
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-15	Finding:	6.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-15	Finding:	0.83
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-15	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUL-15	Finding:	6.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	22-JUL-15	Finding:	0.93
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUL-15	Finding:	0.86
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUL-15	Finding:	6.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUL-15	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUL-15	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JUL-15	Finding:	7.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUL-15	Finding:	6.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUL-15	Finding:	0.89
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUL-15	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUL-15	Finding:	7.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUL-15	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUL-15	Finding:	0.79
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUL-15	Finding:	6.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUL-15	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-JUL-15	Finding:	6.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	01-JUL-15	Finding:	0.98
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-JUN-15	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-JUN-15	Finding:	5.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-JUN-15	Finding:	14.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-JUN-15	Finding:	0.9
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-JUN-15	Finding:	4.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	30.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	83.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	0.39
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-JUN-15	Finding:	410.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	1.02
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	0.563
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	12.3
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	2.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	47.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	18.
Chemical:	MAGNESIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	17-JUN-15	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	240.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	64.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	650.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	24.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	0.89
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	4.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	8.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	0.63
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	4.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUN-15	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUN-15	Finding:	7.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUN-15	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	10-JUN-15	Finding:	0.84
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUN-15	Finding:	6.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUN-15	Finding:	3.8
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUN-15	Finding:	21.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUN-15	Finding:	49.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUN-15	Finding:	3.2
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUN-15	Finding:	20.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-MAY-15	Finding:	4.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-MAY-15	Finding:	0.72
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-MAY-15	Finding:	7.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-MAY-15	Finding:	6.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-MAY-15	Finding:	0.91
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAY-15	Finding:	8.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAY-15	Finding:	1.2
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAY-15	Finding:	17.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAY-15	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	20-MAY-15	Finding:	1.6
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAY-15	Finding:	0.89
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAY-15	Finding:	0.94
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAY-15	Finding:	5.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAY-15	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAY-15	Finding:	5.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAY-15	Finding:	1.5
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAY-15	Finding:	23.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAY-15	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAY-15	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAY-15	Finding:	1.8
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAY-15	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAY-15	Finding:	23.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAY-15	Finding:	1.6
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAY-15	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	05-MAY-15	Finding:	1.6
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-APR-15	Finding:	10.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-APR-15	Finding:	6.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-APR-15	Finding:	0.67
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-APR-15	Finding:	5.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-APR-15	Finding:	0.77
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-APR-15	Finding:	1.5
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-APR-15	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-APR-15	Finding:	20.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-APR-15	Finding:	1.6
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-APR-15	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-APR-15	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-APR-15	Finding:	21.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-APR-15	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-APR-15	Finding:	1.5
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-APR-15	Finding:	1.8
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	25-MAR-15	Finding:	7.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-15	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-15	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-15	Finding:	0.94
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-15	Finding:	7.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-MAR-15	Finding:	0.89
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-MAR-15	Finding:	6.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-MAR-15	Finding:	6.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-MAR-15	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-MAR-15	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAR-15	Finding:	2.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAR-15	Finding:	13.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAR-15	Finding:	11.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAR-15	Finding:	1.8
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-MAR-15	Finding:	26.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	03-MAR-15	Finding:	1.7
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAR-15	Finding:	25.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAR-15	Finding:	8.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAR-15	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAR-15	Finding:	2.
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-15	Finding:	1.4
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-15	Finding:	20.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-15	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-15	Finding:	9.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-15	Finding:	1.7
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-15	Finding:	5.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-15	Finding:	6.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-15	Finding:	4.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-15	Finding:	0.65
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-15	Finding:	6.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-15	Finding:	0.88
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	11-FEB-15	Finding:	6.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-15	Finding:	11.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-FEB-15	Finding:	0.7
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-15	Finding:	0.53
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-15	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-15	Finding:	15.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-15	Finding:	7.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-15	Finding:	0.92
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-15	Finding:	6.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-FEB-15	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-FEB-15	Finding:	8.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-FEB-15	Finding:	7.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-FEB-15	Finding:	1.
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-FEB-15	Finding:	14.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-15	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	29-JAN-15	Finding:	1.4
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-15	Finding:	18.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-15	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-15	Finding:	1.5
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JAN-15	Finding:	4.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JAN-15	Finding:	0.62
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JAN-15	Finding:	8.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JAN-15	Finding:	5.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JAN-15	Finding:	0.83
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-JAN-15	Finding:	9.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-JAN-15	Finding:	18.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-JAN-15	Finding:	1.2
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-JAN-15	Finding:	8.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-JAN-15	Finding:	1.6
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JAN-15	Finding:	21.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JAN-15	Finding:	36.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	07-JAN-15	Finding:	2.6
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JAN-15	Finding:	21.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JAN-15	Finding:	2.7
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-NOV-14	Finding:	0.78
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-NOV-14	Finding:	0.86
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-NOV-14	Finding:	5.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-NOV-14	Finding:	6.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-NOV-14	Finding:	9.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-NOV-14	Finding:	5.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-NOV-14	Finding:	0.75
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-NOV-14	Finding:	9.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-NOV-14	Finding:	5.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-NOV-14	Finding:	0.81
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-14	Finding:	0.7
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-14	Finding:	4.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	12-NOV-14	Finding:	0.57
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-14	Finding:	4.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-14	Finding:	5.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-14	Finding:	46.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-NOV-14	Finding:	33.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-14	Finding:	64.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-14	Finding:	4.7
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-14	Finding:	33.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-NOV-14	Finding:	7.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-14	Finding:	7.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-14	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-14	Finding:	0.9
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-14	Finding:	5.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-14	Finding:	0.97
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-OCT-14	Finding:	7.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-OCT-14	Finding:	0.64
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L

Dlr:	0.5		
Sample date:	29-OCT-14	Finding:	6.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-OCT-14	Finding:	9.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-OCT-14	Finding:	0.79
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-OCT-14	Finding:	7.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-OCT-14	Finding:	0.7
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-OCT-14	Finding:	10.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-OCT-14	Finding:	6.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-OCT-14	Finding:	0.83
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-OCT-14	Finding:	0.57
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-OCT-14	Finding:	6.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-OCT-14	Finding:	7.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-OCT-14	Finding:	0.71
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-OCT-14	Finding:	5.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-OCT-14	Finding:	6.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-OCT-14	Finding:	0.6
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		

Sample date:	08-OCT-14	Finding:	9.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-OCT-14	Finding:	5.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-OCT-14	Finding:	0.69
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-14	Finding:	0.57
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-14	Finding:	6.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-14	Finding:	8.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-14	Finding:	5.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-14	Finding:	0.74
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-SEP-14	Finding:	4.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-SEP-14	Finding:	5.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-SEP-14	Finding:	4.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-SEP-14	Finding:	0.57
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-SEP-14	Finding:	0.61
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-SEP-14	Finding:	0.81
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-SEP-14	Finding:	5.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-SEP-14	Finding:	8.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	18-SEP-14	Finding:	5.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-SEP-14	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-SEP-14	Finding:	3.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-SEP-14	Finding:	4.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-SEP-14	Finding:	4.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-SEP-14	Finding:	3.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-SEP-14	Finding:	3.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-AUG-14	Finding:	4.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-AUG-14	Finding:	3.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-AUG-14	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-AUG-14	Finding:	3.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-AUG-14	Finding:	5.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-AUG-14	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-AUG-14	Finding:	0.61
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-14	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	14-AUG-14	Finding:	6.8
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-14	Finding:	7.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-14	Finding:	1.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-14	Finding:	1.1
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-14	Finding:	21.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-14	Finding:	380.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	2.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-AUG-14	Finding:	4.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-AUG-14	Finding:	5.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-AUG-14	Finding:	4.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	5.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	4.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-14	Finding:	4.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-JUL-14	Finding:	4.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-JUL-14	Finding:	4.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-JUL-14	Finding:	3.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	23-JUL-14	Finding:	4.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-14	Finding:	4.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-14	Finding:	3.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-14	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-14	Finding:	4.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-14	Finding:	3.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-JUL-14	Finding:	4.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-JUL-14	Finding:	5.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-JUL-14	Finding:	4.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-14	Finding:	3.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-14	Finding:	4.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-14	Finding:	4.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUN-14	Finding:	4.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUN-14	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUN-14	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	18-JUN-14	Finding:	4.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUN-14	Finding:	5.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUN-14	Finding:	4.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-JUN-14	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-JUN-14	Finding:	3.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-JUN-14	Finding:	4.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUN-14	Finding:	3.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUN-14	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUN-14	Finding:	4.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-MAY-14	Finding:	0.58
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-MAY-14	Finding:	3.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-MAY-14	Finding:	3.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-MAY-14	Finding:	3.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-14	Finding:	4.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-14	Finding:	4.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-14	Finding:	0.57
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	21-MAY-14	Finding:	4.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAY-14	Finding:	4.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAY-14	Finding:	6.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAY-14	Finding:	4.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAY-14	Finding:	0.75
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	4.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	0.6
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	4.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	5.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	4.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	0.59
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	4.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-14	Finding:	5.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-APR-14	Finding:	6.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-APR-14	Finding:	0.72
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	30-APR-14	Finding:	4.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-APR-14	Finding:	4.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-APR-14	Finding:	7.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-APR-14	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-APR-14	Finding:	6.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-APR-14	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-APR-14	Finding:	0.84
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-APR-14	Finding:	6.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-APR-14	Finding:	11.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-APR-14	Finding:	0.76
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-APR-14	Finding:	7.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-APR-14	Finding:	0.92
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAR-14	Finding:	3.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAR-14	Finding:	4.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-MAR-14	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAR-14	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	04-MAR-14	Finding:	3.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAR-14	Finding:	3.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-FEB-14	Finding:	4.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-FEB-14	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-FEB-14	Finding:	4.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-FEB-14	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-FEB-14	Finding:	4.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-FEB-14	Finding:	4.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-FEB-14	Finding:	0.63
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-FEB-14	Finding:	4.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-FEB-14	Finding:	4.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-FEB-14	Finding:	0.53
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-FEB-14	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-14	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-14	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	10-FEB-14	Finding:	0.57
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-FEB-14	Finding:	4.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-14	Finding:	5.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-14	Finding:	0.55
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-14	Finding:	7.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-14	Finding:	0.86
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-14	Finding:	4.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-JAN-14	Finding:	4.7
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	31-JAN-14	Finding:	2.2
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	29-JAN-14	Finding:	3.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-14	Finding:	3.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-14	Finding:	0.57
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-14	Finding:	4.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JAN-14	Finding:	3.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JAN-14	Finding:	0.51
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JAN-14	Finding:	4.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	22-JAN-14	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JAN-14	Finding:	3.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JAN-14	Finding:	4.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JAN-14	Finding:	0.59
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JAN-14	Finding:	5.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JAN-14	Finding:	3.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JAN-14	Finding:	3.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JAN-14	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-13	Finding:	3.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-13	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-13	Finding:	4.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-DEC-13	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-DEC-13	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-DEC-13	Finding:	4.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-DEC-13	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	18-DEC-13	Finding:	4.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-DEC-13	Finding:	3.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-DEC-13	Finding:	3.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-DEC-13	Finding:	3.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-DEC-13	Finding:	4.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-DEC-13	Finding:	2.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-DEC-13	Finding:	3.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-DEC-13	Finding:	3.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-NOV-13	Finding:	5.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-NOV-13	Finding:	0.58
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-NOV-13	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-NOV-13	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-NOV-13	Finding:	0.55
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-NOV-13	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-NOV-13	Finding:	4.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-NOV-13	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	14-NOV-13	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-NOV-13	Finding:	2.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-NOV-13	Finding:	3.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-13	Finding:	3.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-13	Finding:	2.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-13	Finding:	3.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-13	Finding:	3.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-13	Finding:	2.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-NOV-13	Finding:	2.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-OCT-13	Finding:	4.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-OCT-13	Finding:	3.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-OCT-13	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-OCT-13	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-OCT-13	Finding:	4.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-OCT-13	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	16-OCT-13	Finding:	3.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-OCT-13	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-OCT-13	Finding:	3.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-OCT-13	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-OCT-13	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-OCT-13	Finding:	4.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-13	Finding:	0.6
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-13	Finding:	6.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-13	Finding:	0.95
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-13	Finding:	5.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-13	Finding:	9.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-SEP-13	Finding:	7.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	24-SEP-13	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-SEP-13	Finding:	3.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-SEP-13	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-SEP-13	Finding:	4.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	17-SEP-13	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-SEP-13	Finding:	4.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-SEP-13	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-SEP-13	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-SEP-13	Finding:	3.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	4.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	2.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-SEP-13	Finding:	3.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-13	Finding:	3.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-13	Finding:	3.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-13	Finding:	3.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-13	Finding:	380.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-13	Finding:	3.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-13	Finding:	4.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-13	Finding:	0.7
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		

Sample date:	22-AUG-13	Finding:	4.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-AUG-13	Finding:	5.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-AUG-13	Finding:	4.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-AUG-13	Finding:	0.6
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-AUG-13	Finding:	4.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-13	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-13	Finding:	3.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-13	Finding:	3.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-13	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-13	Finding:	4.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-13	Finding:	3.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-JUL-13	Finding:	3.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-JUL-13	Finding:	3.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-JUL-13	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-13	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-13	Finding:	4.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	23-JUL-13	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUL-13	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUL-13	Finding:	4.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUL-13	Finding:	3.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-JUL-13	Finding:	4.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-JUL-13	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-JUL-13	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-13	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-13	Finding:	3.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-13	Finding:	3.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUN-13	Finding:	4.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUN-13	Finding:	3.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUN-13	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUN-13	Finding:	4.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUN-13	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	19-JUN-13	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-13	Finding:	3.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-13	Finding:	3.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-13	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-13	Finding:	3.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-13	Finding:	2.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-13	Finding:	2.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAY-13	Finding:	2.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAY-13	Finding:	3.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAY-13	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAY-13	Finding:	4.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAY-13	Finding:	4.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAY-13	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-MAY-13	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-MAY-13	Finding:	4.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-MAY-13	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	14-MAY-13	Finding:	3.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAY-13	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAY-13	Finding:	4.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-13	Finding:	5.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-13	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-13	Finding:	3.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-13	Finding:	0.75
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-13	Finding:	4.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-13	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAY-13	Finding:	4.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-APR-13	Finding:	3.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-APR-13	Finding:	3.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-APR-13	Finding:	3.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-APR-13	Finding:	4.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-APR-13	Finding:	0.55
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	16-APR-13	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-APR-13	Finding:	3.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-APR-13	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-APR-13	Finding:	4.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-APR-13	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-APR-13	Finding:	3.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-APR-13	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-APR-13	Finding:	4.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-MAR-13	Finding:	4.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-MAR-13	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-MAR-13	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-MAR-13	Finding:	4.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-MAR-13	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-MAR-13	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-13	Finding:	4.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-13	Finding:	3.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	13-MAR-13	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-13	Finding:	4.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-13	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-13	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-13	Finding:	9.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-13	Finding:	9.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-13	Finding:	0.96
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-13	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-13	Finding:	14.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-13	Finding:	0.97
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-13	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-13	Finding:	7.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-13	Finding:	1.
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-13	Finding:	8.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-13	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	20-FEB-13	Finding:	1.
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-FEB-13	Finding:	14.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-FEB-13	Finding:	0.84
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-FEB-13	Finding:	8.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-FEB-13	Finding:	7.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-FEB-13	Finding:	0.51
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-FEB-13	Finding:	7.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-FEB-13	Finding:	5.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-FEB-13	Finding:	8.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-FEB-13	Finding:	0.62
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-13	Finding:	4.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-13	Finding:	6.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-13	Finding:	3.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-13	Finding:	0.54
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-13	Finding:	0.65
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-13	Finding:	9.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	29-JAN-13	Finding:	5.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-13	Finding:	6.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-13	Finding:	0.85
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JAN-13	Finding:	6.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JAN-13	Finding:	6.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JAN-13	Finding:	4.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JAN-13	Finding:	0.74
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JAN-13	Finding:	4.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JAN-13	Finding:	6.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JAN-13	Finding:	0.67
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-JAN-13	Finding:	4.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	4.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	5.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	0.52
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	03-JAN-13	Finding:	0.87
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JAN-13	Finding:	9.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JAN-13	Finding:	9.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JAN-13	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JAN-13	Finding:	7.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-DEC-12	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-DEC-12	Finding:	22.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-DEC-12	Finding:	1.4
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-DEC-12	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-DEC-12	Finding:	1.6
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-DEC-12	Finding:	9.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-DEC-12	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-DEC-12	Finding:	8.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-DEC-12	Finding:	13.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-DEC-12	Finding:	0.95
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-DEC-12	Finding:	3.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	11-DEC-12	Finding:	4.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-DEC-12	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-DEC-12	Finding:	7.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-DEC-12	Finding:	0.55
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-DEC-12	Finding:	6.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-DEC-12	Finding:	4.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-DEC-12	Finding:	0.74
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-NOV-12	Finding:	33.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-NOV-12	Finding:	3.4
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-NOV-12	Finding:	47.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-NOV-12	Finding:	28.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-NOV-12	Finding:	3.9
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-NOV-12	Finding:	4.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-NOV-12	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-NOV-12	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	14-NOV-12	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-NOV-12	Finding:	4.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-NOV-12	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-NOV-12	Finding:	3.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-NOV-12	Finding:	4.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-NOV-12	Finding:	4.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-12	Finding:	3.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-12	Finding:	3.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-12	Finding:	3.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-12	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-12	Finding:	7.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-12	Finding:	0.85
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-12	Finding:	8.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-12	Finding:	0.98
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-OCT-12	Finding:	7.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-OCT-12	Finding:	9.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	23-OCT-12	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-OCT-12	Finding:	0.88
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-OCT-12	Finding:	3.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-OCT-12	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-OCT-12	Finding:	2.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-OCT-12	Finding:	4.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-OCT-12	Finding:	4.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-OCT-12	Finding:	2.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-OCT-12	Finding:	2.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-OCT-12	Finding:	3.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-OCT-12	Finding:	2.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-SEP-12	Finding:	3.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-SEP-12	Finding:	2.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-SEP-12	Finding:	3.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-SEP-12	Finding:	2.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	18-SEP-12	Finding:	4.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-SEP-12	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-SEP-12	Finding:	3.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-SEP-12	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-SEP-12	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-12	Finding:	3.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-12	Finding:	2.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-SEP-12	Finding:	3.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	4.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-12	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-12	Finding:	3.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-AUG-12	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-12	Finding:	3.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-AUG-12	Finding:	3.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	14-AUG-12	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-AUG-12	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-AUG-12	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-AUG-12	Finding:	0.66
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-AUG-12	Finding:	3.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-12	Finding:	3.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-12	Finding:	3.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-12	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-12	Finding:	0.82
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-12	Finding:	5.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-12	Finding:	9.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-12	Finding:	0.67
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-12	Finding:	7.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-12	Finding:	2.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-12	Finding:	2.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	25-JUL-12	Finding:	3.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-12	Finding:	1.1
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-12	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-12	Finding:	7.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-12	Finding:	14.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-12	Finding:	1.4
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUL-12	Finding:	0.81
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUL-12	Finding:	7.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUL-12	Finding:	0.53
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUL-12	Finding:	6.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUL-12	Finding:	5.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-12	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-12	Finding:	5.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-12	Finding:	4.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-12	Finding:	0.67
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	24.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	2.7
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	2.1
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	19.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	35.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-JUN-12	Finding:	3.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-JUN-12	Finding:	4.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-JUN-12	Finding:	3.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-12	Finding:	3.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-12	Finding:	3.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-12	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JUN-12	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	720.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	7.68
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	12-JUN-12	Finding:	270.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	75.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	20.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	49.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	2.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	37.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	93.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUN-12	Finding:	0.42
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	12-JUN-12	Finding:	500.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	0.973
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	0.457
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-JUN-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-JUN-12	Finding:	12.3
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-JUN-12	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUN-12	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUN-12	Finding:	3.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	30-MAY-12	Finding:	2.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-12	Finding:	2.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-12	Finding:	2.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-MAY-12	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-MAY-12	Finding:	3.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-MAY-12	Finding:	3.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAY-12	Finding:	4.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAY-12	Finding:	3.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-MAY-12	Finding:	2.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAY-12	Finding:	4.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAY-12	Finding:	4.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAY-12	Finding:	3.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAY-12	Finding:	2.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAY-12	Finding:	4.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-MAY-12	Finding:	3.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	01-MAY-12	Finding:	3.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-12	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-12	Finding:	2.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-APR-12	Finding:	3.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-APR-12	Finding:	3.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-APR-12	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-APR-12	Finding:	3.5
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-APR-12	Finding:	3.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-APR-12	Finding:	4.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-APR-12	Finding:	3.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-APR-12	Finding:	3.3
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-APR-12	Finding:	3.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-12	Finding:	3.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-12	Finding:	3.2
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-12	Finding:	2.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-MAR-12	Finding:	8.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	28-MAR-12	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-MAR-12	Finding:	0.82
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-MAR-12	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-MAR-12	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	3.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	2.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-12	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-12	Finding:	3.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-12	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-12	Finding:	2.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-12	Finding:	3.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAR-12	Finding:	3.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-FEB-12	Finding:	6.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-FEB-12	Finding:	0.83
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	29-FEB-12	Finding:	5.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-FEB-12	Finding:	7.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-FEB-12	Finding:	0.6
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-FEB-12	Finding:	4.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-FEB-12	Finding:	3.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-FEB-12	Finding:	3.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-FEB-12	Finding:	3.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-FEB-12	Finding:	3.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-FEB-12	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-12	Finding:	12.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-12	Finding:	1.
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-12	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-FEB-12	Finding:	7.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-12	Finding:	3.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-12	Finding:	2.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-12	Finding:	3.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	02-FEB-12	Finding:	2.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-12	Finding:	3.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-12	Finding:	3.1
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-12	Finding:	3.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-12	Finding:	2.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-12	Finding:	2.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JAN-12	Finding:	3.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JAN-12	Finding:	3.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JAN-12	Finding:	2.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JAN-12	Finding:	3.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JAN-12	Finding:	3.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JAN-12	Finding:	2.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JAN-12	Finding:	4.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JAN-12	Finding:	2.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JAN-12	Finding:	3.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D27
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000069256**

Well ID:	T10000000672-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000000672&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000672&assigned_name=MW-1		

D28
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000002144**

Well ID:	T10000000672-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000000672&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000672&assigned_name=MW-8		

D29
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000131397**

Well ID:	T10000000672-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000000672&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000672&assigned_name=MW-6		

D30
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000075302**

Well ID:	T10000000672-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000000672&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000672&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D31
SW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000036209**

Well ID:	T10000000672-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000000672&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000672&assigned_name=MW-7		

F32
South
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR8000006446**

State Well #:	Not Reported	Station ID:	48940
Well Name:	MW6-13i	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	261	Basin Name:	San Gabriel Valley
Well Completion Rpt #:	Not Reported		

D33
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000038764**

Well ID:	T10000000672-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000000672&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000672&assigned_name=MW-2		

D34
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000130040**

Well ID:	T10000000672-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000000672&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000672&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G35
NW
1/4 - 1/2 Mile
Lower

CA WELLS **CADDW0000000025**

Well ID:	1910039-018	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL B11B	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-018&store_num=		
GeoTracker Data:	Not Reported		

36
ESE
1/4 - 1/2 Mile
Higher

FRDS PWS **CA1910029**

Epa region:	09	State:	CA
Pwsid:	CA1910029	Pwsname:	CITY OF INDUSTRY WATERWORKS SYST
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06037
Status:	Active	Retpopsrvd:	7000
Pwssvcconn:	1930	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Local_Govt
Contact:	GALINDO, GREG	Contactorgname:	GALINDO, GREG
Contactphone:	626-330-2126	Contactaddress1:	P.O. BOX 3165
Contactaddress2:	112 N. FIRST STREET	Contactcity:	LA PUENTE
Contactstate:	CA	Contactzip:	91744
Pwsactivitycode:	A		

Pwsid:	CA1910029	Facid:	7208
Facname:	WELL 03 - STANDBY - CHLORINATION		
Factype:	Treatment_plant	Facactivitycode:	A
Trtobjective:	disinfection	Trtprocess:	gaseous chlorination, post
Factypecode:	TP		

Pwsid:	CA1910029	Facid:	7209
Facname:	CHLORINATION - WELL 5 - STANDBY		
Factype:	Treatment_plant	Facactivitycode:	A
Trtobjective:	disinfection	Trtprocess:	gaseous chlorination, post
Factypecode:	TP		

Pwsid:	CA1910029	Facid:	7210
Facname:	CHLORINATION - WELL 4 - STANDBY		
Factype:	Treatment_plant	Facactivitycode:	A
Trtobjective:	disinfection	Trtprocess:	gaseous chlorination, post
Factypecode:	TP		

PWS ID:	CA1910029	PWS name:	INDUSTRY WATERWORKS SYSTEM
Address:	Not Reported	Care of:	Not Reported
City:	LA PUENTE	State:	CA
Zip:	91744	Owner:	INDUSTRY WATERWORKS SYSTEM
Source code:	Ground water	Population:	10000

PWS ID:	CA1910029	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS name:	CITY OF INDUSTRY WATERWORKS SYST

PWS type code:	C	Retail population served:	7000
Contact:	GREG B. GALINDO	Contact address:	P.O. Box 3165
Contact address:	City of Industry	Contact city:	CA
Contact state:	91	Contact zip:	6263302126
Contact telephone:	Not Reported		
County:	Not Reported	Source:	Ground water
Treatment Objective:	DISINFECTION	Process:	HYPOCHLORINATION, POST
Population:	5000		
PWS ID:	CA1910029	Activity status:	Active
Date system activated:	7706	Date system deactivated:	Not Reported
Retail population:	00010000	System name:	INDUSTRY WATERWORKS SYSTEM
System address:	Not Reported	System address:	15651 EAST STAFFORD ST
System city:	CITY OF INDUSTRY	System state:	CA
System zip:	91744		
County FIPS:	037	City served:	LA PUENTE
Population served:	5,001 - 10,000 Persons	Treatment:	Treated
Latitude:	340212	Longitude:	1175718
Violation id:	7001	Orig code:	S
State:	CA	Violation Year:	1999
Contamination code:	2984	Contamination Name:	Trichloroethylene
Violation code:	02	Violation name:	MCL, Average
Rule code:	310	Rule name:	VOC
Violation measur:	0.0056	Unit of measure:	MG/L
State mcl:	0.005	Cmp bdt:	12/21/1999
Cmp edt:	07/13/2000		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	93V0001	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	LEAD & COPPER RULE
Violation type:	Initial Tap Sampling for Pb and Cu		
Violation start date:	070192	Violation end date:	123192
Violation period (months):	006	Violation awareness date:	Not Reported
Major violator:	Not Reported	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported
Violation ID:	7001	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	10/16/2000
Enforcement Detail:	St AO (w/o penalty) issued		
Enforcement Category:	Formal		
Violation ID:	7001	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	10/16/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	7001	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	10/30/2001
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	7001	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	10/30/2001
Enforcement Detail:	St AO (w/o penalty) issued		
Enforcement Category:	Formal		
Violation ID:	Not Reported	Orig Code:	F

Enforcemnt FY:	2000	Enforcement Action:	03/01/2000
Enforcement Detail:	Fed Compliance achieved	Enforcement Category:	Not Reported
PWS name:	CITY OF INDUSTRY WATERWORKS SYSTEMS		
Population served:	7000	PWS type code:	C
Violation ID:	0007001	Contaminant:	TRICHLOROETHYLENE
Violation type:	2	Compliance start date:	12/21/1999 0:00:00
Compliance end date:	7/13/2000 0:00:00	Enforcement date:	10/16/2000 0:00:00
Enforcement action:	State AO (w/o Penalty) Issued		
Violation measurement:	0		
PWS name:	CITY OF INDUSTRY WATERWORKS SYSTEMS		
Population served:	7000	PWS type code:	C
Violation ID:	0007001	Contaminant:	TRICHLOROETHYLENE
Violation type:	2	Compliance start date:	12/21/1999 0:00:00
Compliance end date:	7/13/2000 0:00:00	Enforcement date:	10/16/2000 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	0
PWS name:	CITY OF INDUSTRY WATERWORKS SYSTEMS		
Population served:	7000	PWS type code:	C
Violation ID:	0007001	Contaminant:	TRICHLOROETHYLENE
Violation type:	2	Compliance start date:	12/21/1999 0:00:00
Compliance end date:	7/13/2000 0:00:00	Enforcement date:	10/30/2001 0:00:00
Enforcement action:	State AO (w/o Penalty) Issued		
Violation measurement:	0		
PWS name:	CITY OF INDUSTRY WATERWORKS SYSTEMS		
Population served:	7000	PWS type code:	C
Violation ID:	0007001	Contaminant:	TRICHLOROETHYLENE
Violation type:	2	Compliance start date:	12/21/1999 0:00:00
Compliance end date:	7/13/2000 0:00:00	Enforcement date:	10/30/2001 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	0

H37
SSW **CA WELLS** **CAEDF0000009144**
1/4 - 1/2 Mile
Lower

Well ID:	SL603798515-EW1	Well Type:	MONITORING
Source:	EDF	Other Name:	EW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=EW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=EW1		

H38
SSW **CA WELLS** **CAEDF0000100408**
1/4 - 1/2 Mile
Lower

Well ID:	SL603798515-PZ-4	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=PZ-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=PZ-4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G39
NW
1/4 - 1/2 Mile
Lower

CA WELLS **CADDW0000006837**

Well ID:	1910039-017	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL B11A - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-017&store_num=		
GeoTracker Data:	Not Reported		

40
NW
1/4 - 1/2 Mile
Lower

CA WELLS **1315**

Seq:	1315	Prim sta c:	01S/10W-31F03 S
Frds no:	1910039017	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL B11A	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340238.0	Longitude:	1175805.0
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:	1910039	System nam:	San Gabriel Valley Water Co.-El Monte
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

F41
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000072132**

Well ID:	SL603798515-PZ-5	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=PZ-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=PZ-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F42
South
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000093145**

Well ID:	SL603798515-EW3	Well Type:	MONITORING
Source:	EDF	Other Name:	EW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=EW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=EW3		

I43
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000005218**

Well ID:	1910039-029	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL B7C - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-029&store_num=		
GeoTracker Data:	Not Reported		

44
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000140064**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S010W31A003S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

I45
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000139963**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S010W31P005S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		

Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	810
Well Depth Units:	ft	Well Hole Depth:	810
Well Hole Depth Units:	ft		

I46
WSW **CA WELLS** **CADDW0000006107**
1/2 - 1 Mile
Lower

Well ID:	1910039-030	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL B7E	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-030&store_num=		
GeoTracker Data:	Not Reported		

I47
WSW **FED USGS** **USGS40000139959**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S010W31P006S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	800
Well Depth Units:	ft	Well Hole Depth:	800
Well Hole Depth Units:	ft		

J48
South **CA WELLS** **CAEDF0000008467**
1/2 - 1 Mile
Lower

Well ID:	SL603798515-PZ-3	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=PZ-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=PZ-3		

K49
East **CA WELLS** **CAEDF0000052101**
1/2 - 1 Mile
Higher

Well ID:	T0603705353-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9

GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603705353&assigned_name=MW-9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603705353&assigned_name=MW-9

K50
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000139160**

Well ID: T0603705353-MW-10 Well Type: MONITORING
Source: EDF Other Name: MW-10
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603705353&assigned_name=MW-10&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603705353&assigned_name=MW-10

J51
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000090308**

Well ID: SL603798515-EW4 Well Type: MONITORING
Source: EDF Other Name: EW4
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=EW4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=EW4

L52
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000129374**

Well ID: SL603798515-PZ-1 Well Type: MONITORING
Source: EDF Other Name: PZ-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=PZ-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=PZ-1

L53
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000092596**

Well ID: SL603798515-W22 Well Type: MONITORING
Source: EDF Other Name: W22
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W22&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W22

K54
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000094024**

Well ID:	T0603705353-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603705353&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603705353&assigned_name=MW-11		

K55
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000020501**

Well ID:	T0603705353-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603705353&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603705353&assigned_name=MW-4		

K56
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000107053**

Well ID:	T0603705353-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603705353&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603705353&assigned_name=MW-6		

M57
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000012138**

Well ID:	01S10W31A003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W31A003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W31A003S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M58
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000032431**

Well ID:	01S10W31A001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W31A001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W31A001S&store_num=		
GeoTracker Data:	Not Reported		

59
WNW
1/2 - 1 Mile
Lower

CA WELLS **1314**

Seq:	1314	Prim sta c:	01S/10W-31E02 S
Frds no:	1910039033	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL B9B	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	340232.0	Longitude:	1175816.0
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:	1910039	System nam:	San Gabriel Valley Water Co.-El Monte
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

Sample date:	14-DEC-17	Finding:	8.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	14-SEP-17	Finding:	440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	14-SEP-17	Finding:	0.278
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		

Sample date:	14-SEP-17	Finding:	0.815
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

Sample date:	14-SEP-17	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	14-SEP-17	Finding:	0.28
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

Dlr:	0.1		
Sample date:	14-SEP-17	Finding:	32.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-SEP-17	Finding:	14.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	2.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	42.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	8.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	40.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	7.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	14-SEP-17	Finding:	18.9
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	7.87
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	0.76
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-SEP-17	Finding:	0.72
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-JUN-17	Finding:	8.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	09-MAR-17	Finding:	7.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-NOV-16	Finding:	7.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-AUG-16	Finding:	8.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	17-AUG-16	Finding:	250.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-AUG-16	Finding:	8.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	17-AUG-16	Finding:	0.27
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-AUG-16	Finding:	0.66
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-MAY-16	Finding:	8.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-AUG-15	Finding:	3.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-AUG-15	Finding:	270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	20.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	430.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	7.89
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	220.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	140.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	15-SEP-14	Finding:	41.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	9.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	40.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	2.2
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	15.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	32.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-SEP-14	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	15-SEP-14	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	0.87
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	0.358
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-SEP-14	Finding:	3.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-AUG-14	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	3.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-AUG-14	Finding:	1.3
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	14-AUG-14	Finding:	0.649
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	14-AUG-14	Finding:	0.322
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	14-AUG-14	Finding:	0.2
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	0.572
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	1.117
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-AUG-14	Finding:	0.116
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	26-SEP-13	Finding:	6.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	22-AUG-13	Finding:	3.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-AUG-13	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-13	Finding:	0.37
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	09-AUG-12	Finding:	3.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-AUG-12	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

L60
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061268**

Well ID:	SL603798515-PZ-2	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=PZ-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=PZ-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L61
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000138858**

Well ID:	SL603798515-EW2	Well Type:	MONITORING
Source:	EDF	Other Name:	EW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=EW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=EW2		

L62
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000005226**

Well ID:	SL603798515-W24	Well Type:	MONITORING
Source:	EDF	Other Name:	W24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W24		

J63
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000021435**

Well ID:	SL603798515-PZ-6	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=PZ-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=PZ-6		

K64
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000128161**

Well ID:	T0603705353-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603705353&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603705353&assigned_name=MW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K65
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000128038**

Well ID:	T0603705353-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603705353&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603705353&assigned_name=MW-1		

K66
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000113050**

Well ID:	T0603705353-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603705353&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603705353&assigned_name=MW-5		

K67
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000113834**

Well ID:	T0603705353-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603705353&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603705353&assigned_name=MW-3		

68
South
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000084952**

Well ID:	SL603798515-PZ-7	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=PZ-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=PZ-7		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

69
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000005916**

Well ID:	1910039-033	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL B9B	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910039-033&store_num=		
GeoTracker Data:	Not Reported		

N70
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000051074**

Well ID:	SL603798515-W17	Well Type:	MONITORING
Source:	EDF	Other Name:	W17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W17		

N71
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000129373**

Well ID:	SL603798515-W21	Well Type:	MONITORING
Source:	EDF	Other Name:	W21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W21		

O72
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000044377**

Well ID:	SL603798515-W23	Well Type:	MONITORING
Source:	EDF	Other Name:	W23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W23		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O73
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000142135**

Well ID:	SL603798515-W25	Well Type:	MONITORING
Source:	EDF	Other Name:	W25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W25		

P74
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000050146**

Well ID:	T0603703038-B-7	Well Type:	MONITORING
Source:	EDF	Other Name:	B-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-7		

N75
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000112681**

Well ID:	SL603798515-W12	Well Type:	MONITORING
Source:	EDF	Other Name:	W12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W12		

P76
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000130279**

Well ID:	T0603703038-B-4	Well Type:	MONITORING
Source:	EDF	Other Name:	B-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P77
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000123625**

Well ID:	T0603703038-B-8	Well Type:	MONITORING
Source:	EDF	Other Name:	B-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-8		

P78
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000009407**

Well ID:	T0603703038-DPE-6	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=DPE-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=DPE-6		

N79
South
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000006426**

State Well #:	Not Reported	Station ID:	48941
Well Name:	MW6-51	Well Use:	Observation
Well Type:	Single Well	Well Depth:	1078
Basin Name:	San Gabriel Valley	Well Completion Rpt #:	Not Reported

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P80
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000040922**

Well ID:	T0603703038-B-3	Well Type:	MONITORING
Source:	EDF	Other Name:	B-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P81
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000121509**

Well ID:	T0603703038-DPE-4	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=DPE-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=DPE-4		

P82
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000108873**

Well ID:	T0603703038-DPE-5	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=DPE-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=DPE-5		

P83
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000119879**

Well ID:	T0603703038-DPE-2	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=DPE-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=DPE-2		

P84
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000034675**

Well ID:	T0603703038-DPE-1	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=DPE-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=DPE-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P85
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000077926**

Well ID:	T0603703038-B-6	Well Type:	MONITORING
Source:	EDF	Other Name:	B-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-6		

P86
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000112858**

Well ID:	T0603703038-B-5	Well Type:	MONITORING
Source:	EDF	Other Name:	B-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-5		

P87
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000035530**

Well ID:	T0603703038-B-17	Well Type:	MONITORING
Source:	EDF	Other Name:	B-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-17		

P88
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000125467**

Well ID:	T0603703038-B-15	Well Type:	MONITORING
Source:	EDF	Other Name:	B-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-15		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P89
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000112917**

Well ID:	T0603703038-B-2	Well Type:	MONITORING
Source:	EDF	Other Name:	B-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-2		

P90
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000141154**

Well ID:	T0603703038-B-13	Well Type:	MONITORING
Source:	EDF	Other Name:	B-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-13		

P91
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000099780**

Well ID:	T0603703038-B-1	Well Type:	MONITORING
Source:	EDF	Other Name:	B-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-1		

P92
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000110353**

Well ID:	T0603703038-B-9	Well Type:	MONITORING
Source:	EDF	Other Name:	B-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P93
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000135570**

Well ID:	T0603703038-B-14	Well Type:	MONITORING
Source:	EDF	Other Name:	B-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-14		

P94
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000114723**

Well ID:	T0603703038-B-16	Well Type:	MONITORING
Source:	EDF	Other Name:	B-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703038&assigned_name=B-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703038&assigned_name=B-16		

P95
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000032528**

Well ID:	T0603703031-MW10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW10		

P96
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000052074**

Well ID:	T0603703031-MW13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW13		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

97
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000045664**

Well ID:	T0603703031-MW14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW14		

P98
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000097320**

Well ID:	T0603703031-MW12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW12		

P99
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000008907**

Well ID:	T0603703031-MW02	Well Type:	MONITORING
Source:	EDF	Other Name:	MW02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW02		

Q100
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000140130**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S010W30R001S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported

Well Hole Depth Units: Not Reported

P101
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000122560**

Well ID:	T0603703031-MW07	Well Type:	MONITORING
Source:	EDF	Other Name:	MW07
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW07&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW07		

R102
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000125478**

Well ID:	SL603798515-W13	Well Type:	MONITORING
Source:	EDF	Other Name:	W13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W13		

P103
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000106437**

Well ID:	T0603703031-MW09	Well Type:	MONITORING
Source:	EDF	Other Name:	MW09
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW09&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW09		

P104
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000122518**

Well ID:	T0603703031-MW01	Well Type:	MONITORING
Source:	EDF	Other Name:	MW01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW01		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P105
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000011759**

Well ID:	T0603703031-MW04	Well Type:	MONITORING
Source:	EDF	Other Name:	MW04
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW04&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW04		

Q106
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000014533**

Well ID:	01S10W30R001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W30R001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W30R001S&store_num=		
GeoTracker Data:	Not Reported		

P107
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000105656**

Well ID:	T0603703031-VM02	Well Type:	MONITORING
Source:	EDF	Other Name:	VM02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=VM02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=VM02		

P108
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000128384**

Well ID:	T0603703031-MW03	Well Type:	MONITORING
Source:	EDF	Other Name:	MW03
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW03&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW03		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P109
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000023643**

Well ID:	T0603703031-VM01	Well Type:	MONITORING
Source:	EDF	Other Name:	VM01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=VM01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=VM01		

S110
ESE
1/2 - 1 Mile
Higher

CA WELLS **1325**

Seq:	1325	Prim sta c:	01S/10W-32B01 S
Frds no:	1910205004	County:	19
District:	15	User id:	MET
System no:	1910205	Water type:	G
Source nam:	105-W1 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340200.0	Longitude:	1175700.0
Precision:	8	Status:	IR
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:	1910205	System nam:	Suburban Water Systems-San Jose
Hqname:	SUBURBAN WATER SYSTEMS	Address:	1211 E. CENTER COURT DRIVE
City:	COVINA	State:	CA
Zip:	91724	Zip ext:	Not Reported
Pop serv:	89591	Connection:	31997
Area serve:	Not Reported		

T111
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000008627**

Well ID:	1910060-018	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	SGVWC DON JULIAN CONNECTION - TREATED		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910060-018&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T112
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000005399**

Well ID:	1910205-029	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	140-W1 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910205-029&store_num=		
GeoTracker Data:	Not Reported		

T113
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000010061**

Well ID:	1910205-030	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	140-W3-STANDBY	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910205-030&store_num=		
GeoTracker Data:	Not Reported		

P114
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000064056**

Well ID:	T0603703031-MW05	Well Type:	MONITORING
Source:	EDF	Other Name:	MW05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW05		

P115
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000036078**

Well ID:	T0603703031-MW11A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW11A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW11A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW11A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P116
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000041229**

Well ID:	T0603703031-MW08	Well Type:	MONITORING
Source:	EDF	Other Name:	MW08
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW08&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW08		

P117
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000098006**

Well ID:	T0603703031-MW06	Well Type:	MONITORING
Source:	EDF	Other Name:	MW06
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703031&assigned_name=MW06&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703031&assigned_name=MW06		

T118
NNW
1/2 - 1 Mile
Higher

CA WELLS **1273**

Seq:	1273	Prim sta c:	01S/10W-19Q06 S
Frds no:	1910060003	County:	19
District:	07	User id:	4TH
System no:	1910060	Water type:	G
Source nam:	WELL 03	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1175800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910060	System nam:	La Puente Valley Cwd
Hqname:	Not Reported	Address:	15825 EAST MAIN STREET
City:	LA PUENTE	State:	CA
Zip:	91744	Zip ext:	Not Reported
Pop serv:	8191	Connection:	2482
Area serve:	LA PUENTE		

Sample date:	30-JAN-18	Finding:	7.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	30-JAN-18	Finding:	8.2
Chemical:	PERCHLORATE	Report units:	UG/L

Dlr:	4.		
Sample date:	30-JAN-18	Finding:	0.52
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-JAN-18	Finding:	39.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-NOV-17	Finding:	0.63
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-NOV-17	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-NOV-17	Finding:	40.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-NOV-17	Finding:	9.3
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	19-SEP-17	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-SEP-17	Finding:	0.94
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-SEP-17	Finding:	56.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-SEP-17	Finding:	3.
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-SEP-17	Finding:	1.5
Chemical:	1,2-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-SEP-17	Finding:	3.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-SEP-17	Finding:	1.6
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	19-SEP-17	Finding:	2.2
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-SEP-17	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	19-SEP-17	Finding:	0.69
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-SEP-17	Finding:	7.2
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	19-SEP-17	Finding:	4.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-SEP-17	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-17	Finding:	3.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-JUL-17	Finding:	0.61
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-17	Finding:	39.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	25-JUL-17	Finding:	8.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JUL-17	Finding:	7.1
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	07-JUN-17	Finding:	0.54
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-17	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-MAY-17	Finding:	0.57
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-MAY-17	Finding:	9.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-MAY-17	Finding:	6.6
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	19-APR-17	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-APR-17	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	22-MAR-17	Finding:	10.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAR-17	Finding:	36.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-MAR-17	Finding:	8.5
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	19-JAN-17	Finding:	37.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-JAN-17	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JAN-17	Finding:	8.2
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	13-DEC-16	Finding:	8.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-16	Finding:	0.63
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-DEC-16	Finding:	3.2
Chemical:	NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-16	Finding:	8.
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	13-DEC-16	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-OCT-16	Finding:	7.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-16	Finding:	7.3
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	19-OCT-16	Finding:	0.66
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-OCT-16	Finding:	35.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	19-OCT-16	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-16	Finding:	1.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-OCT-16	Finding:	4.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-OCT-16	Finding:	3.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-OCT-16	Finding:	0.58
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-JUL-16	Finding:	7.6
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	19-JUL-16	Finding:	37.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-JUL-16	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-JUN-16	Finding:	0.54
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAY-16	Finding:	1.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAY-16	Finding:	320.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAY-16	Finding:	0.37
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	10-MAY-16	Finding:	36.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-MAY-16	Finding:	15.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAY-16	Finding:	2.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAY-16	Finding:	14.
Chemical:	MAGNESIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	10-MAY-16	Finding:	58.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAY-16	Finding:	200.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAY-16	Finding:	8.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-MAY-16	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAY-16	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAY-16	Finding:	7.81
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-MAY-16	Finding:	490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-MAY-16	Finding:	8.2
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	10-MAY-16	Finding:	1.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAY-16	Finding:	37.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-MAY-16	Finding:	7.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-MAY-16	Finding:	21.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-MAY-16	Finding:	0.59
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-MAR-16	Finding:	37.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	24-MAR-16	Finding:	0.71
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	24-MAR-16	Finding:	7.9
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	24-MAR-16	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JAN-16	Finding:	0.69
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-16	Finding:	7.9
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	25-NOV-15	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-NOV-15	Finding:	0.99
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-NOV-15	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	25-NOV-15	Finding:	8.6
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	10-SEP-15	Finding:	7.2
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	10-SEP-15	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-SEP-15	Finding:	0.72
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-SEP-15	Finding:	39.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	07-AUG-15	Finding:	0.47
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	07-AUG-15	Finding:	1.e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L

Dlr:	0.		
Sample date:	07-AUG-15	Finding:	320.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-AUG-15	Finding:	0.64
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-15	Finding:	0.307
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-AUG-15	Finding:	5.28
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	07-AUG-15	Finding:	3.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-AUG-15	Finding:	0.193
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-AUG-15	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-AUG-15	Finding:	3.7e-002
Chemical:	RADIUM 226	Report units:	PCI/L
Dlr:	1.		
Sample date:	07-AUG-15	Finding:	0.554
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-15	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JUL-15	Finding:	37.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JUL-15	Finding:	0.73
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUL-15	Finding:	8.3
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	05-JUN-15	Finding:	1.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-15	Finding:	8.2
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		

Sample date:	06-MAY-15	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-MAY-15	Finding:	0.63
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-15	Finding:	40.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	07-JUL-14	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	07-JUL-14	Finding:	8.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	07-JUL-14	Finding:	0.68
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUL-14	Finding:	4.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUL-14	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUN-14	Finding:	0.51
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUN-14	Finding:	2.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUN-14	Finding:	0.58
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAY-14	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAY-14	Finding:	40.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-MAY-14	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAY-14	Finding:	9.
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	13-MAR-14	Finding:	9.2
Chemical:	PERCHLORATE	Report units:	UG/L

Dlr:	4.		
Sample date:	13-MAR-14	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-14	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	13-MAR-14	Finding:	41.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	13-MAR-14	Finding:	2.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-14	Finding:	3.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-MAR-14	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JAN-14	Finding:	8.6
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	29-JAN-14	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JAN-14	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-14	Finding:	4.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	29-JAN-14	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-DEC-13	Finding:	39.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-DEC-13	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-DEC-13	Finding:	1.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-DEC-13	Finding:	0.51
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	16-OCT-13	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-13	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-OCT-13	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	27-SEP-13	Finding:	0.54
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	27-SEP-13	Finding:	320.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-SEP-13	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-AUG-13	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-AUG-13	Finding:	1.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-13	Finding:	0.53
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-13	Finding:	0.55
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-AUG-13	Finding:	7.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	23-AUG-13	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	23-AUG-13	Finding:	2.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-JUL-13	Finding:	0.928
Chemical:	GROSS BETA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	1.903
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	8200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	25-JUL-13	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-JUL-13	Finding:	0.94
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	310.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	1.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-13	Finding:	2.2
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	25-JUL-13	Finding:	0.614
Chemical:	GROSS BETA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	1.143
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	25-JUL-13	Finding:	37.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	25-JUL-13	Finding:	17.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	2.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	22.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	13.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	60.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	210.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	25-JUL-13	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	358.
Chemical:	TRITIUM	Report units:	PCI/L
Dlr:	1000.		
Sample date:	25-JUL-13	Finding:	259.
Chemical:	TRITIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	0.519
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	0.535
Chemical:	STRONTIUM - 90 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	0.682
Chemical:	STRONTIUM - 90 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	434.
Chemical:	TRITIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	9.8e-002
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	0.324
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	25-JUL-13	Finding:	500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	7.81
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-JUL-13	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-JUN-13	Finding:	1.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-JUN-13	Finding:	37.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-JUN-13	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	14-JUN-13	Finding:	1.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-JUN-13	Finding:	9.7
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	05-APR-13	Finding:	9.4
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	05-APR-13	Finding:	0.52
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-13	Finding:	37.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-APR-13	Finding:	1.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-APR-13	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-MAR-13	Finding:	3.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	14-MAR-13	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAR-13	Finding:	0.57
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-13	Finding:	8100.
Chemical:	NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-FEB-13	Finding:	8.8
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	25-FEB-13	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-FEB-13	Finding:	2.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-FEB-13	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	25-FEB-13	Finding:	0.54
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-DEC-12	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-DEC-12	Finding:	9.7
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	19-DEC-12	Finding:	500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-DEC-12	Finding:	7.51
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-DEC-12	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-DEC-12	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-DEC-12	Finding:	215.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-DEC-12	Finding:	62.2
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-DEC-12	Finding:	14.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-DEC-12	Finding:	23.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-DEC-12	Finding:	15.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-DEC-12	Finding:	35.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-DEC-12	Finding:	0.61
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-DEC-12	Finding:	2.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-DEC-12	Finding:	270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	19-DEC-12	Finding:	0.683
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-DEC-12	Finding:	0.163
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-OCT-12	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-OCT-12	Finding:	9.8
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	25-OCT-12	Finding:	2.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-OCT-12	Finding:	0.52
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-OCT-12	Finding:	0.53
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-OCT-12	Finding:	1.4e-002
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	25-OCT-12	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	28-AUG-12	Finding:	2.2
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	28-AUG-12	Finding:	0.67
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-12	Finding:	0.56
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-12	Finding:	1.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-12	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-AUG-12	Finding:	8.1
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		

Sample date:	28-AUG-12	Finding:	39.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-JUN-12	Finding:	0.95
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-JUN-12	Finding:	6.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-JUN-12	Finding:	1.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-12	Finding:	0.68
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-12	Finding:	5.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-12	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-12	Finding:	0.87
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-12	Finding:	39.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-JUN-12	Finding:	1.5e-002
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	01-MAY-12	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAY-12	Finding:	4.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-12	Finding:	0.63
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-12	Finding:	0.91
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-12	Finding:	1.1e-002
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	01-MAY-12	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	02-APR-12	Finding:	0.9
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-APR-12	Finding:	5.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-APR-12	Finding:	1.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-APR-12	Finding:	1.4e-002
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	02-APR-12	Finding:	40.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-APR-12	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAR-12	Finding:	3.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	22-MAR-12	Finding:	1.6
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAR-12	Finding:	7.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-MAR-12	Finding:	2.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-FEB-12	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-FEB-12	Finding:	2.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-FEB-12	Finding:	0.63
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-FEB-12	Finding:	0.81
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-FEB-12	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	13-FEB-12	Finding:	9.3
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		

T119
NNW
1/2 - 1 Mile
Higher

CA WELLS 1274

Seq:	1274	Prim sta c:	01S/10W-19Q07 S
Frds no:	1910060004	County:	19
District:	07	User id:	4TH
System no:	1910060	Water type:	G
Source nam:	WELL 04	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1175800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910060	System nam:	La Puente Valley Cwd
Hqname:	Not Reported	Address:	15825 EAST MAIN STREET
City:	LA PUENTE	State:	CA
Zip:	91744	Zip ext:	Not Reported
Pop serv:	8191	Connection:	2482
Area serve:	LA PUENTE		

T120
NNW
1/2 - 1 Mile
Higher

CA WELLS 1272

Seq:	1272	Prim sta c:	01S/10W-19Q05 S
Frds no:	1910060001	County:	19
District:	07	User id:	4TH
System no:	1910060	Water type:	G
Source nam:	WELL 01 - ABANDONED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1175800.0
Precision:	8	Status:	AB
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:	1910060	System nam:	La Puente Valley Cwd
Hqname:	Not Reported	Address:	15825 EAST MAIN STREET
City:	LA PUENTE	State:	CA
Zip:	91744	Zip ext:	Not Reported
Pop serv:	8191	Connection:	2482
Area serve:	LA PUENTE		

T121
NNW
1/2 - 1 Mile
Higher

CA WELLS 1309

Seq:	1309	Prim sta c:	01S/10W-30G06 S
Frds no:	1910205030	County:	19

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District:	15	User id:	MET
System no:	1910205	Water type:	G
Source nam:	140-W3	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1175800.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910205	System nam:	Suburban Water Systems-San Jose
Hqname:	SUBURBAN WATER SYSTEMS	Address:	1211 E. CENTER COURT DRIVE
City:	COVINA	State:	CA
Zip:	91724	Zip ext:	Not Reported
Pop serv:	89591	Connection:	31997
Area serve:	Not Reported		

Sample date:	13-DEC-17	Finding:	6.6
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		

Sample date:	13-DEC-17	Finding:	12.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	08-NOV-16	Finding:	11.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	08-NOV-16	Finding:	430.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	08-NOV-16	Finding:	4.8
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		

Sample date:	16-DEC-15	Finding:	44.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	16-DEC-15	Finding:	10.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	16-DEC-15	Finding:	4.6
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		

Sample date:	17-DEC-14	Finding:	700.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	17-DEC-14	Finding:	7.59
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Sample date:	17-DEC-14	Finding:	230.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	17-DEC-14	Finding:	280.

Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-DEC-14	Finding:	300.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-DEC-14	Finding:	85.8
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-DEC-14	Finding:	20.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-DEC-14	Finding:	33.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-DEC-14	Finding:	37.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	17-DEC-14	Finding:	61.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-DEC-14	Finding:	0.37
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-DEC-14	Finding:	2.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	17-DEC-14	Finding:	150.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	17-DEC-14	Finding:	15.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	17-DEC-14	Finding:	2600.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-DEC-14	Finding:	84.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	17-DEC-14	Finding:	440.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-DEC-14	Finding:	0.947
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-DEC-14	Finding:	0.415
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		

Sample date:	17-DEC-14	Finding:	50.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-DEC-14	Finding:	2.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	17-DEC-14	Finding:	11000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-DEC-14	Finding:	5.9
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	17-DEC-14	Finding:	48.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-DEC-14	Finding:	63.
Chemical:	ALUMINUM	Report units:	UG/L
Dlr:	50.		
Sample date:	17-DEC-14	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	17-DEC-14	Finding:	8.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	17-DEC-14	Finding:	150.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	17-DEC-14	Finding:	2.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	17-DEC-14	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-DEC-14	Finding:	3.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-DEC-13	Finding:	46.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-DEC-13	Finding:	430.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-DEC-13	Finding:	6.
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	04-DEC-12	Finding:	52.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	04-DEC-12	Finding:	440.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

T122
NNW
1/2 - 1 Mile
Higher

CA WELLS **1308**

Seq:	1308	Prim sta c:	01S/10W-30G05 S
Frds no:	1910205029	County:	19
District:	15	User id:	MET
System no:	1910205	Water type:	G
Source nam:	140-W1 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340300.0	Longitude:	1175800.0
Precision:	8	Status:	IR
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:	1910205	System nam:	Suburban Water Systems-San Jose
Hqname:	SUBURBAN WATER SYSTEMS	Address:	1211 E. CENTER COURT DRIVE
City:	COVINA	State:	CA
Zip:	91724	Zip ext:	Not Reported
Pop serv:	89591	Connection:	31997
Area serve:	Not Reported		

123
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000006495**

State Well #:	Not Reported	Station ID:	48935
Well Name:	MW6-10i	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	356	Basin Name:	San Gabriel Valley
Well Completion Rpt #:	Not Reported		

R124
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000049594**

Well ID:	SL603798515-W14	Well Type:	MONITORING
Source:	EDF	Other Name:	W14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W14		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R125
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000089522**

Well ID:	SL603798515-W15	Well Type:	MONITORING
Source:	EDF	Other Name:	W15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W15		

U126
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000063815**

Well ID:	SL603798515-W20	Well Type:	MONITORING
Source:	EDF	Other Name:	W20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W20		

S127
ESE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000019505**

Well ID:	1910205-004	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	105-W1 - DESTROYED - INACTIVE		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910205-004&store_num=		
GeoTracker Data:	Not Reported		

S128
ESE
1/2 - 1 Mile
Higher

CA WELLS **14387**

Seq:	14387	Prim sta c:	1910205-047
Frds no:	1910205047	County:	19
District:	15	User id:	MET
System no:	1910205	Water type:	G
Source nam:	BLENDING RESERVOIR 128-R1	Station ty:	RESVR/AMBNT/MUN/INTAKE
Latitude:	340200.0	Longitude:	1175656.0
Precision:	2	Status:	CM
Comment 1:	BLENDING RESERVOIR FOR NITRATES AND ORGANICS		
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:	1910205	System nam:	Suburban Water Systems-San Jose
Hqname:	SUBURBAN WATER SYSTEMS	Address:	1211 E. CENTER COURT DRIVE
City:	COVINA	State:	CA
Zip:	91724	Zip ext:	Not Reported
Pop serv:	89591	Connection:	31997
Area serve:	Not Reported		

129
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000139966**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S010W32B001S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

130
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000000097**

Well ID:	01S10W29N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W29N001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W29N001S&store_num=		
GeoTracker Data:	Not Reported		

U131
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000036213**

Well ID:	SL603798515-W3	Well Type:	MONITORING
Source:	EDF	Other Name:	W3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U132
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000014277**

Well ID:	SL603798515-W11	Well Type:	MONITORING
Source:	EDF	Other Name:	W11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W11		

133
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000037776**

Well ID:	SL603798515-W16	Well Type:	MONITORING
Source:	EDF	Other Name:	W16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W16		

V134
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000059890**

Well ID:	SL603798515-W10	Well Type:	MONITORING
Source:	EDF	Other Name:	W10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W10		

135
East
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000006277**

Well ID:	01S10W32K001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S10W32K001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S10W32K001S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V136
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000079854**

Well ID:	SL603798515-W9	Well Type:	MONITORING
Source:	EDF	Other Name:	W9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W9		

137
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000006509**

State Well #:	01S10W30Q001S	Station ID:	48912
Well Name:	ORANGE	Well Use:	Other
Well Type:	Single Well	Well Depth:	0
Basin Name:	San Gabriel Valley	Well Completion Rpt #:	Not Reported

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138
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000006059**

Well ID:	01S11W36R001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S11W36R001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S11W36R001S&store_num=		
GeoTracker Data:	Not Reported		

139
NW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000006474**

State Well #:	Not Reported	Station ID:	48936
Well Name:	MW6-9i	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	370	Basin Name:	San Gabriel Valley
Well Completion Rpt #:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V140
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000137542**

Well ID:	SL603798515-W2	Well Type:	MONITORING
Source:	EDF	Other Name:	W2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W2		

W141
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000113279**

Well ID:	SL603798515-W8	Well Type:	MONITORING
Source:	EDF	Other Name:	W8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W8		

W142
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000081255**

Well ID:	SL603798515-W1	Well Type:	MONITORING
Source:	EDF	Other Name:	W1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W1		

V143
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000093577**

Well ID:	SL603798515-W5	Well Type:	MONITORING
Source:	EDF	Other Name:	W5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

W144
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000101231**

Well ID:	SL603798515-W7	Well Type:	MONITORING
Source:	EDF	Other Name:	W7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W7		

W145
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000139837**

Well ID:	SL603798515-W18	Well Type:	MONITORING
Source:	EDF	Other Name:	W18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W18		

146
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000096923**

Well ID:	T0603702632-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603702632&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603702632&assigned_name=MW-6		

147
South
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000113170**

Well ID:	SL603798515-W6	Well Type:	MONITORING
Source:	EDF	Other Name:	W6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL603798515&assigned_name=W6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL603798515&assigned_name=W6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
SSW **OIL_GAS** **CAOG13000005737**
1/8 - 1/4 Mile

API #:	0403706092	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Chevron U.S.A. Inc.	Lease Name:	Mcginnis
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

2
South **OIL_GAS** **CAOG13000005745**
1/2 - 1 Mile

API #:	0403706114	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Chevron U.S.A. Inc.	Lease Name:	Puente One
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

3
SSE **OIL_GAS** **CAOG13000005746**
1/2 - 1 Mile

API #:	0403706115	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Chevron U.S.A. Inc.	Lease Name:	Puente Nine
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91744	10	1

Federal EPA Radon Zone for LOS ANGELES 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 LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX IV
HISTORICAL DOCUMENTATION

045.05245_635 N California Ave

635 North California Avenue

LA Puente, CA 91744

Inquiry Number: 6274397.8

November 19, 2020

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

11/19/20

Site Name:

045.05245_635 N California Av
635 North California Avenue
LA Puente, CA 91744
EDR Inquiry # 6274397.8

Client Name:

EFI Global Inc.
5261 West Imperial Highway
Los Angeles, CA 90045
Contact: Susana Corletto

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
2002	1"=500'	Flight Date: May 22, 2002	USDA
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
1983	1"=500'	Flight Date: November 19, 1983	EDR Proprietary Brewster Pacific
1981	1"=500'	Flight Date: February 17, 1981	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: April 25, 1977	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: November 21, 1972	EDR Proprietary Brewster Pacific
1964	1"=500'	Flight Date: July 28, 1964	USGS
1952	1"=500'	Flight Date: August 02, 1952	USGS
1948	1"=500'	Flight Date: July 10, 1948	USGS
1938	1"=500'	Flight Date: May 22, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR

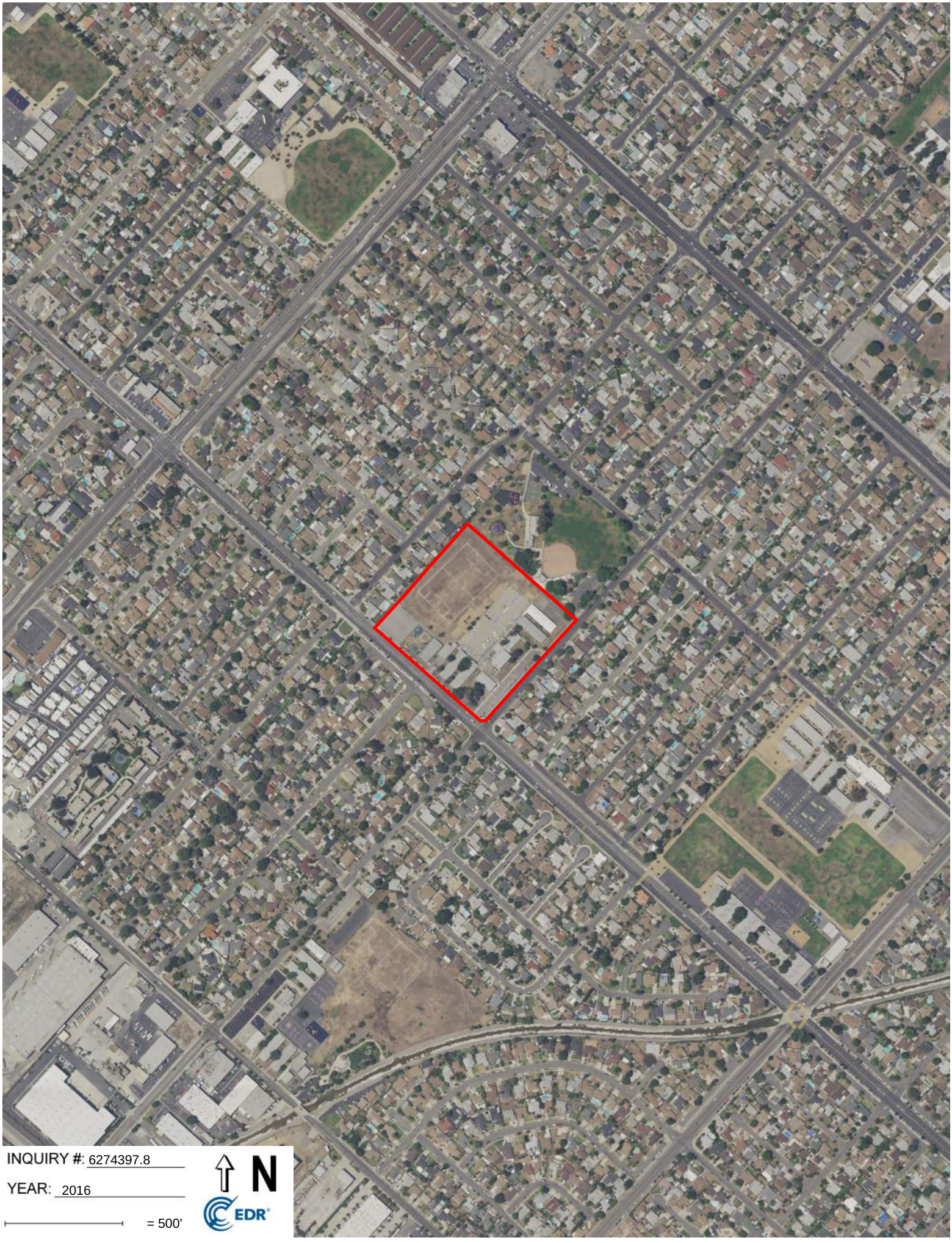
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

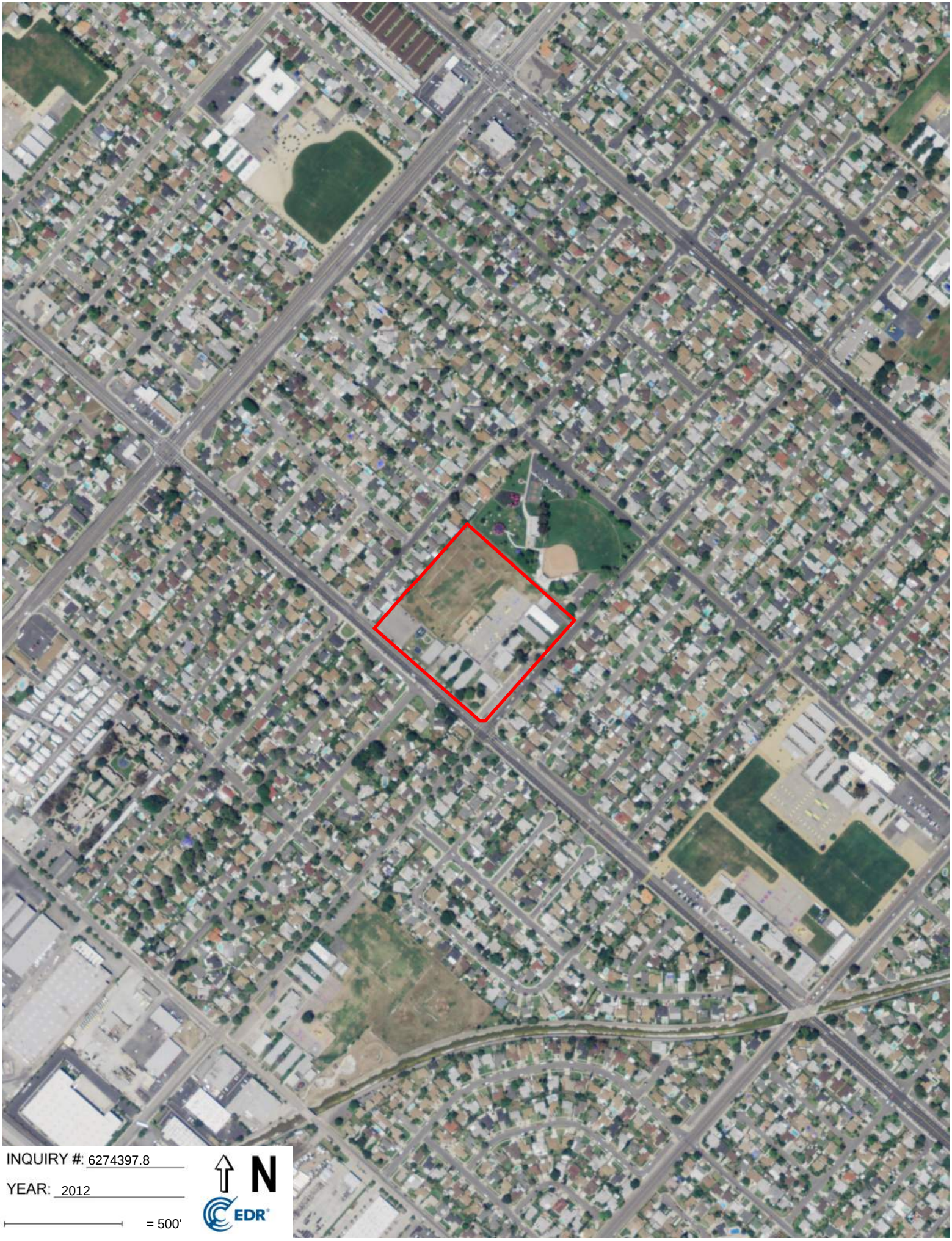
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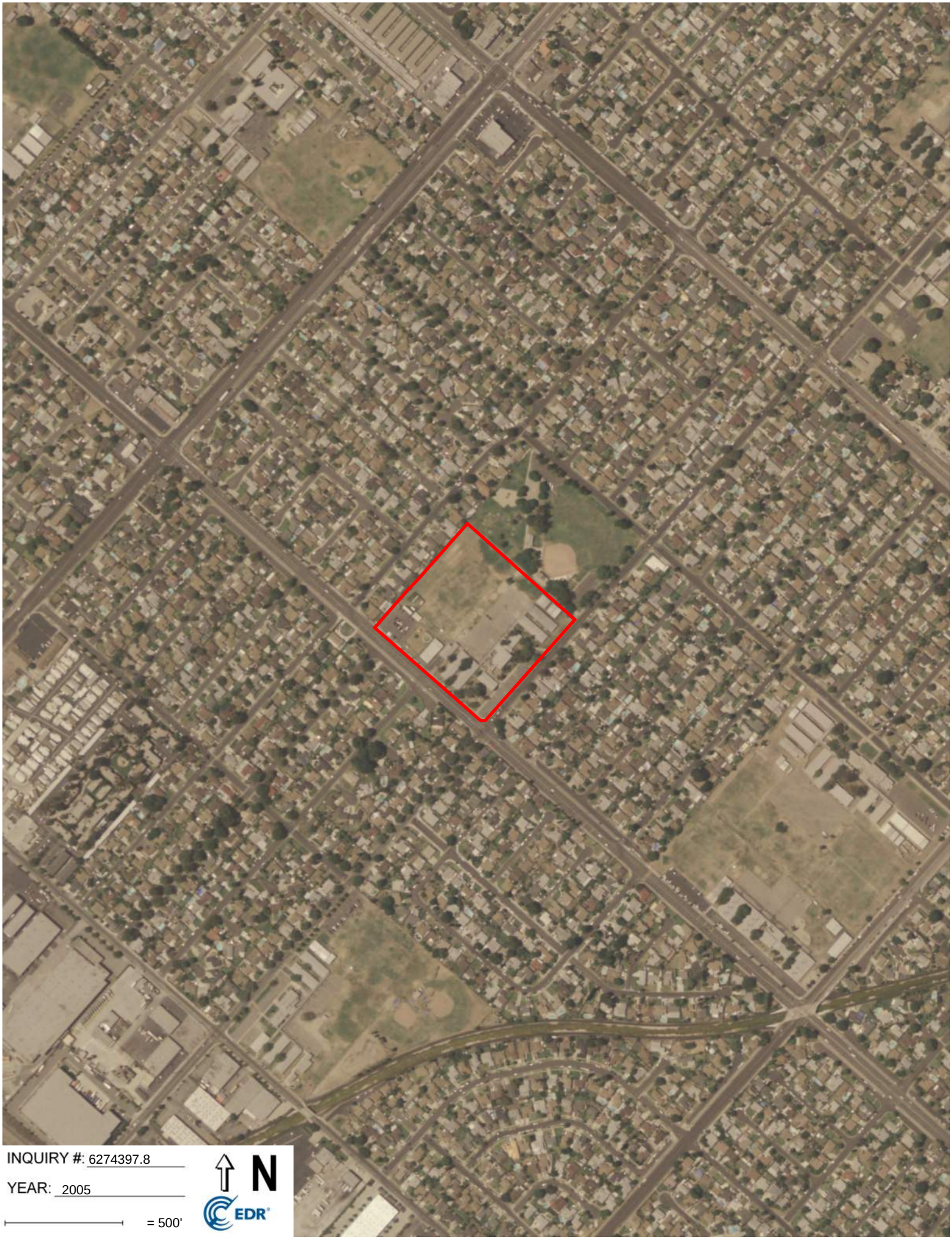
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INQUIRY #: 6274397.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 6274397.8
YEAR: 2012
= 500'
N
EDR

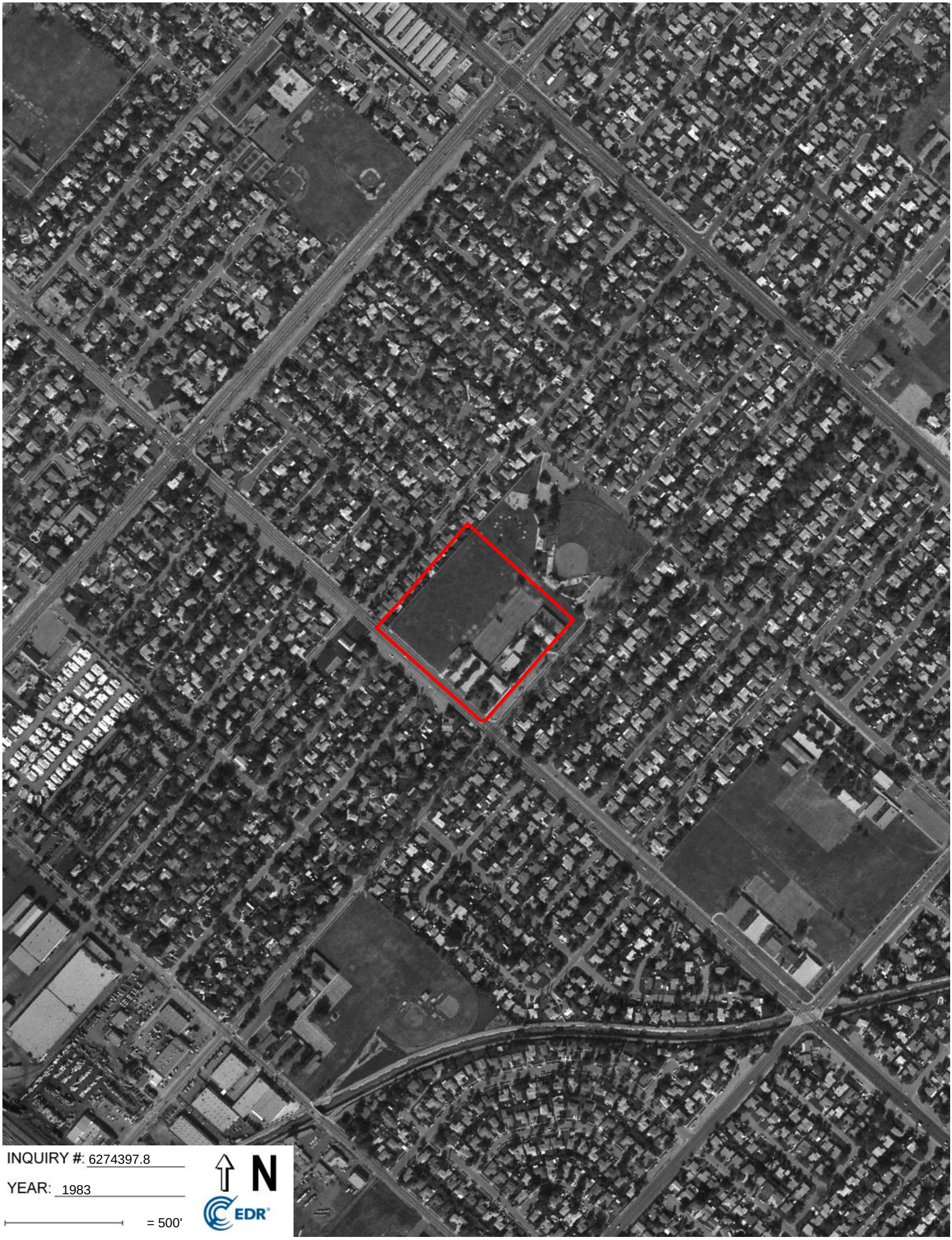

INQUIRY #: 6274397.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 6274397.8
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 6274397.8
YEAR: 2002
= 500'
N
EDR


INQUIRY #: 6274397.8
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 6274397.8
YEAR: 1990
= 500'
N
EDR


INQUIRY #: 6274397.8
YEAR: 1983
= 500'
N
EDR


INQUIRY #: 6274397.8
YEAR: 1981
= 500'
N
EDR


INQUIRY #: 6274397.8
YEAR: 1977
= 500'
N
EDR


INQUIRY #: 6274397.8
YEAR: 1972
= 500'
N
EDR


INQUIRY #: 6274397.8
YEAR: 1964
= 500'
N
EDR



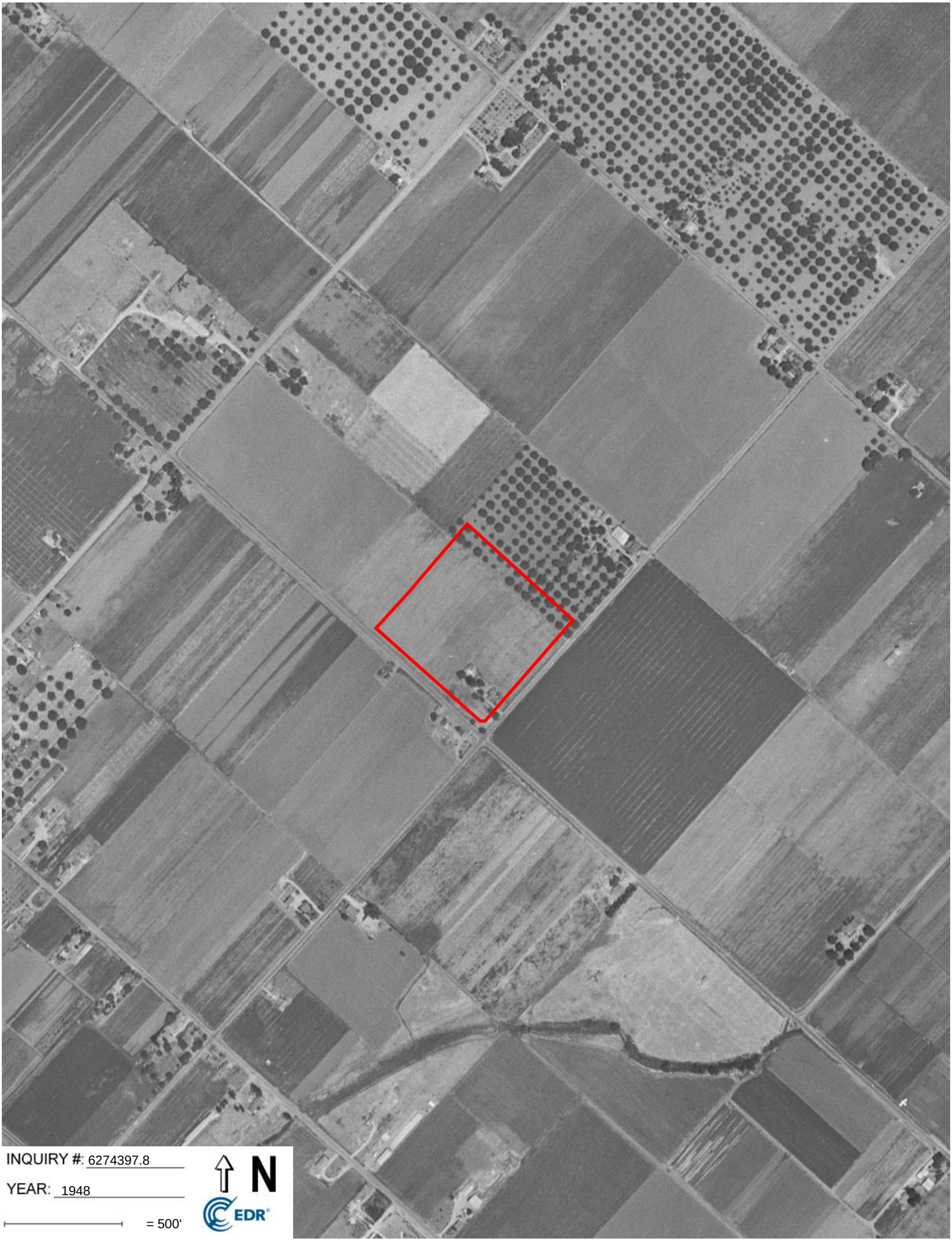
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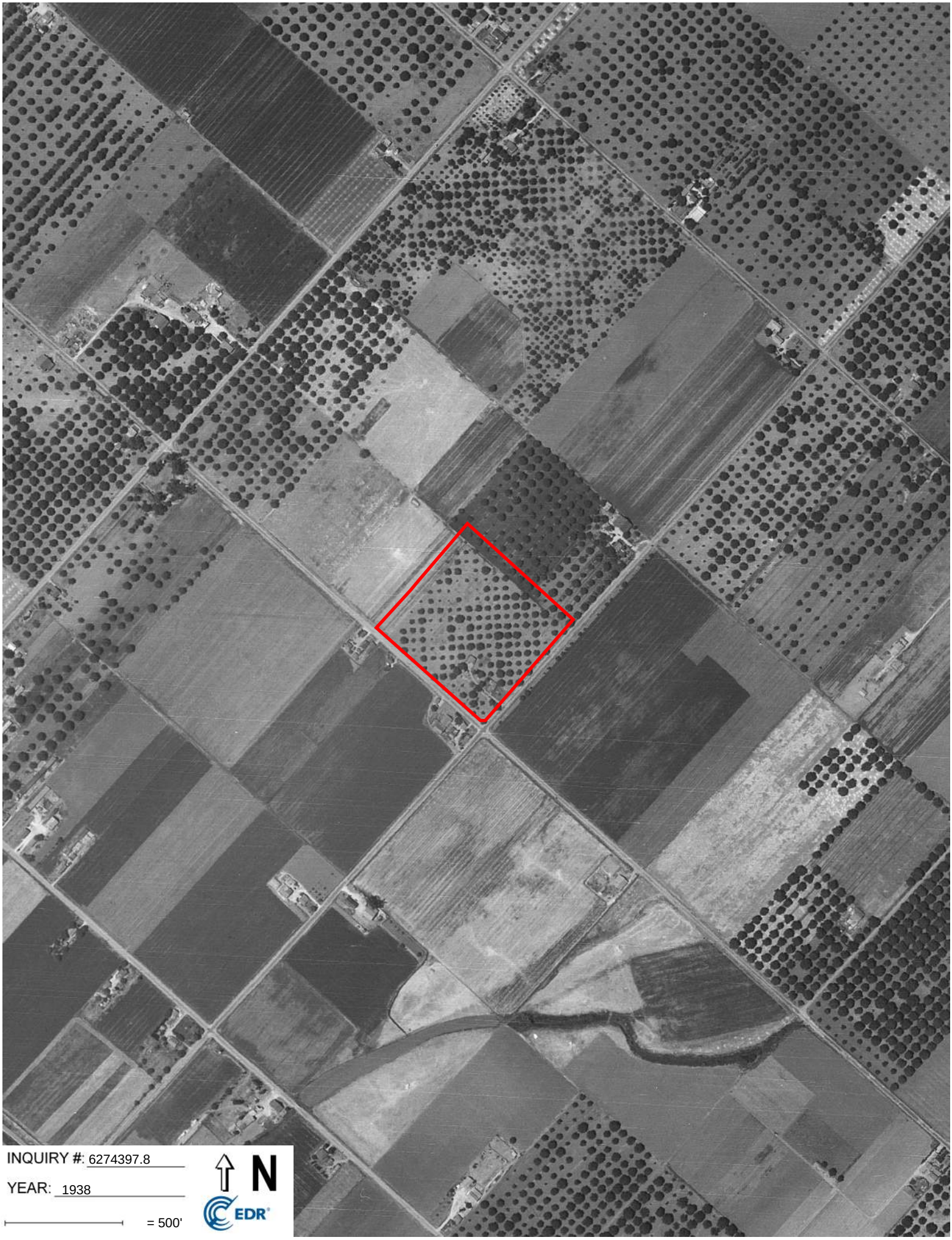
YEAR: 1952

= 500'

N

EDR


INQUIRY #: 6274397.8
YEAR: 1948
= 500'
N
EDR



INQUIRY #: 6274397.8

YEAR: 1938

= 500'

N

EDR



INQUIRY #: 6274397.8

YEAR: 1928

= 500'

N

EDR

045.05245_635 N California Ave
635 North California Avenue
LA Puente, CA 91744

Inquiry Number: 6274397.5
November 25, 2020

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.

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EXECUTIVE SUMMARY

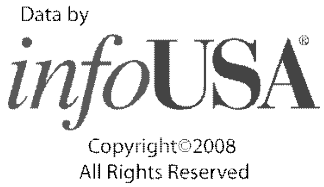
DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2014	☑	☑	EDR Digital Archive
2010	☑	☑	EDR Digital Archive
2005	☑	☑	EDR Digital Archive
2000	☑	☑	EDR Digital Archive
1995	☑	☑	EDR Digital Archive
1992	☑	☑	EDR Digital Archive
1987	☑	☑	Haines Criss-Cross Directory
1982	☑	☑	Haines Criss-Cross Directory
1976	☑	☑	Haines Criss-Cross Directory
1973	☑	☑	Haines Criss-Cross Directory
1969	☑	☑	Arcadia Directory Co
1964	☑	☑	Pacific City Directory
1961	☑	☑	Pacific City Directory

FINDINGS

TARGET PROPERTY STREET

635 North California Avenue
LA Puente, CA 91744

Year	*CD Image*	*Source*
CALIFORNIA AVE		
2000	pg A8	EDR Digital Archive
1995	pg A10	EDR Digital Archive
1987	pg A15	Haines Criss-Cross Directory
1987	pg A16	Haines Criss-Cross Directory
1982	pg A18	Haines Criss-Cross Directory
1976	pg A20	Haines Criss-Cross Directory
1973	pg A22	Haines Criss-Cross Directory
1973	pg A23	Haines Criss-Cross Directory
1969	pg A25	Arcadia Directory Co
1964	pg A27	Pacific City Directory
1961	pg A29	Pacific City Directory
N CALIFORNIA AVE		
2014	pg A2	EDR Digital Archive
2010	pg A5	EDR Digital Archive
2005	pg A7	EDR Digital Archive
1992	pg A14	EDR Digital Archive

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*
E GIORDANO ST		
2010	pg. A3	EDR Digital Archive
1992	pg. A13	EDR Digital Archive
GIORDANO AVE		
1995	pg. A11	EDR Digital Archive
GIORDANO ST		
2014	pg. A1	EDR Digital Archive
2010	pg. A4	EDR Digital Archive
2005	pg. A6	EDR Digital Archive
2000	pg. A9	EDR Digital Archive
1995	pg. A12	EDR Digital Archive
1987	pg. A17	Haines Criss-Cross Directory
1982	pg. A19	Haines Criss-Cross Directory
1976	pg. A21	Haines Criss-Cross Directory
1973	pg. A24	Haines Criss-Cross Directory
1969	pg. A26	Arcadia Directory Co
1964	pg. A28	Pacific City Directory
1961	pg. A30	Pacific City Directory

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GIORDANO ST 2014

13936	CASILLAS, JUAN M
13941	ENRIQUEZ, ESTEE P
13942	FUJITA, MARGRET C
13947	OCCUPANT UNKNOWN,
13948	DELATORRE, EDWIN
13954	RAMIREZ, ALICE C
14902	THORPE, JULIE
14918	VARGAS, DAVID R
14919	PEREZ, ARMANDO
14930	ESQUEDA, JOSE D
14944	REDING, EMANUEL
14945	GUTIERREZ, URIEL M

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

N CALIFORNIA AVE 2014

523	GONZALEZ, ASAHEL C
526	NGUYEN, THUTAM T
529	ARAGONEZ, CAMERON J
534	CARLOS, EDUARDO
535	ABAD, JESSIE
540	CAMARILLO, RALPH E
602	RAO, JIYING
608	MELENDEZ, MILTON A
614	ESPINOZA, JOSE L
620	GUERRA, ARLENE R
626	MANZANO, EDELYN
632	GARCIA, SANDRA
635	HACIENDA LA PUENTE UNIFIED SCHOOL DI
638	CORONA, ANA B
644	OCCUPANT UNKNOWN,
650	APANA, JEANIE
656	PAZ, BENJAMIN R
662	MENESES, ANTHONY
668	REYES, ARTURO

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E GIORDANO ST 2010

14830 MARTIN PARK

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GIORDANO ST 2010

13935 DAMPF, JOSEPH W
13936 CASILLAS, JUAN M
13941 ENRIQUEZ, ESTEE
13947 OCCUPANT UNKNOWN,
13948 MAGDALENO, ALBERTO C
13954 RAMIREZ, VINCENT T
14902 THORPE, DOROTHY M
14918 VARGAS, DAVID R
14919 PEREZ, CARLOS P
14930 CUEVAS, MARIA A
14944 REDING, MANUEL M
14945 GONZALEZ, SOCORRO G

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

N CALIFORNIA AVE 2010

523	ESPINOZA, DAISY
526	PADILLA, UBALDO
529	ARAGONEZ, RAMONA R
534	CARLOS, JOAQUIN T
535	CRUZ, ROBERTO
540	CAMARILLO, DOLORES P
602	MIN, PHYO W
608	MELENDEZ, MILTON A
614	ESPINOZA, JOSE L
620	GUERRA, RICK A
626	MORENO, SALVADOR
632	GARCIA, SANDRA
635	TEMPLE ELEMENTARY SCHOOL
638	ORDAZ, JESUS
644	HERNANDEZ, ALBERT
650	RIEDL, S
656	PAZ, BENJAMIN L
662	MENESES, ANTHONY
668	REYES, ARTURO

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GIORDANO ST 2005

13626 KHIEV, SAVONG A
13627 CORTEZ, MANUEL
13632 LUVIANO, FREDDY
13639 BROWN, CARL E
13644 FONG, JIMMY Y
13645 LOPEZ, J
13904 MEJORADO, RUBEN
13905 GOSNEY, BERNIECE
13911 C J ROOTER SERVICE
CJ ROOTER SERVICE
GARCIA, JUVENTINO J
13912 RIVNEY, ALEXANDER B
13917 CALFED FINANCIAL NET
VALENZUELA, JOSE R
VALOR MARKETING & CREATIVITY
13918 OSTLING, ELSA B

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

N CALIFORNIA AVE 2005

523	ARREOLA, J
526	ARTEAGA, MARIA D
529	ARAGONEZ, RAMONA R
534	OCCUPANT UNKNOWN,
535	TESTRO, PHILLIP G
540	CAMARILLO, DOLORES P
602	OVERHOLT, MARIANNE
608	MELENDEZ, MILTON A
614	CASTELLANOS, ERICK L
620	GUERRA, RICK
626	MARTINEZ, ROBERT E
632	SANCHEZ, RICHARD
635	HACIENDA LPNT UNIFIED SCHOOL DISTRIC
	TEMPLE ACAMEDY
638	ORDAZ, JESUS
644	HERNANDEZ, ALBERT
650	APANA, JEANIE
656	PAZ, BENJAMIN L
662	MENESES, ANTHONY
668	REYES, ARTURO

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

CALIFORNIA AVE 2000

520	GUZMAN, ROBERT W
523	OCCUPANT UNKNOWN,
526	RENDON, G
534	CARLOS, JOAQUIN T
535	MEIJER, C C
540	MOORE, GLORIA
608	FERNANDEZ, LUCIO
614	CASTELLANOS, ERICK L
620	OCCUPANT UNKNOWN,
632	SANTANA, JESUS
638	ORDAZ, JESUS
644	OSUNA, JOSE A
662	MENESES, ANTHONY
668	OCCUPANT UNKNOWN,
702	URIBE, WILLIAM J
708	VILLAFAN, CLAUDIA

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GIORDANO ST 2000

13924	VANAPITAK, THONG
13929	SEQUEIDA, DARIO
13936	CASILLAS, AMELIA
13941	OCCUPANT UNKNOWN,
13942	FUJITA, KANAME T
13947	LOPEZ, RALPH J
14902	THORPE, ARTHUR C
14918	LICON, PITA M
	VARGAS, RUBY
14919	PEREZ, ARMANDO
14930	CUEVAS, SELENE E
14944	REDING, MANUEL M
14945	GUTIERREZ, URIEL
	LOPEZ, TERESA

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

CALIFORNIA AVE 1995

456	STEELE, PAUL
508	ROJO, F
511	OCCUPANT UNKNOWNN
517	OCCUPANT UNKNOWNN
526	OCCUPANT UNKNOWNN
534	FRAZER, JON
632	HERNANDEZ, CESAR R
635	TEMPLE ELEMENTARY SCHOOL
644	SALDIVAR, LETICIA
650	OCCUPANT UNKNOWNN
668	APANA, GEORGE
702	GUINN, EDWARD K
705	FERNANDEZ, E
708	OCCUPANT UNKNOWNN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GIORDANO AVE 1995

14902	THORPE, ARTHUR C
14918	OCCUPANT UNKNOWNN
14919	CASTILLO, JOHN
14930	OCCUPANT UNKNOWNN
14944	HERNANDEZ, RAUL

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GIORDANO ST 1995

13929	SEQUEIDA, DARIO A
13930	GARCIA, JOSE M
	GONZALES, LOUIS
	MONTES, R
13935	OCCUPANT UNKNOWNN
13941	OCCUPANT UNKNOWNN
13942	FUJITA, KANAME T
13947	OCCUPANT UNKNOWNN
14956	ABRAM, RICKY
	PARKER, GLORIA L
14957	SPAULDING, JAMES D
14972	APODACA, DANIEL
14984	HITA, VICTOR
14985	CORTINAS, A
15135	BELTRAN, J

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

E GIORDANO ST 1992

13912 RIVNEY, A
13918 OSTLING, ELSA B
13941 PENA, FRANK
13942 FUJITA, KANAME T
13947 LOPEZ, RALPH JR
13948 MORRIS, NADON
14902 THORPE, ARTHUR C
14919 CASTILLO, JOHN
14930 CARR, MICHAEL
14956 ABRAM, SHIRLEY
15100 SPARKS FRED M JR HI
15205 GALLEGOS, RAFAEL

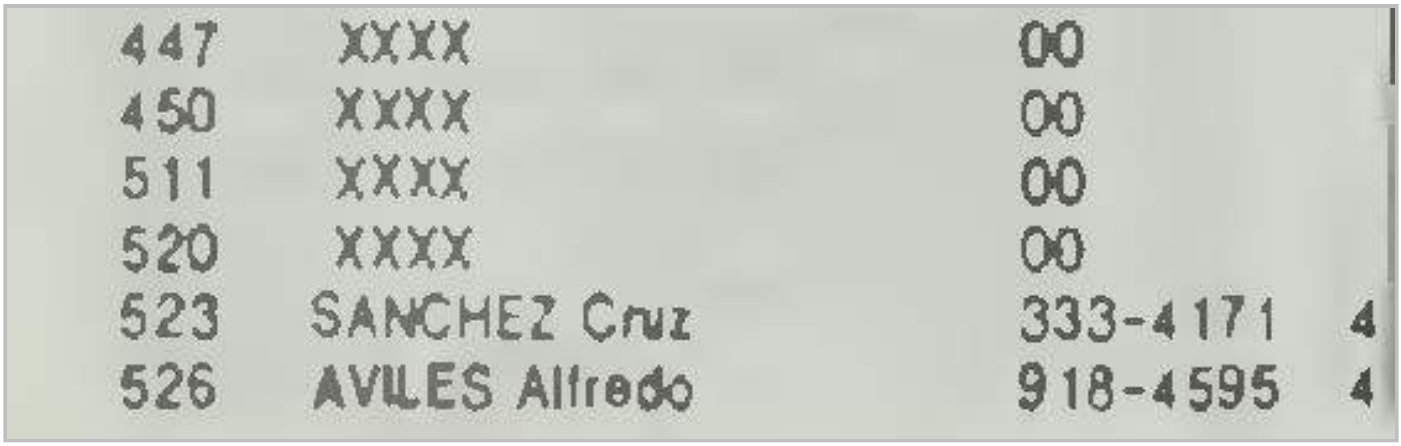
Target Street	Cross Street	Source
✓	-	EDR Digital Archive

N CALIFORNIA AVE 1992

250	CAMPO MEXICAN FOODS
329	ORTEGA, RAUL V
330	HACIENDA SC NELSON
	NELSON BOBBY SOX
	NELSON, BOBBY S
403	GIRON, CELINA
437	KNIGHT, SHIRLEY
520	GUZMAN, RAMONA
635	TEMPLE ELEM SCHOOL
668	APANA, GEORGE
708	FERNANDEZ, MARIA
720	CARIAGA, S Q
750	JOHNSON, BUDDY
756	MARTINEZ, JESUS
757	REYES, EDWIN

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

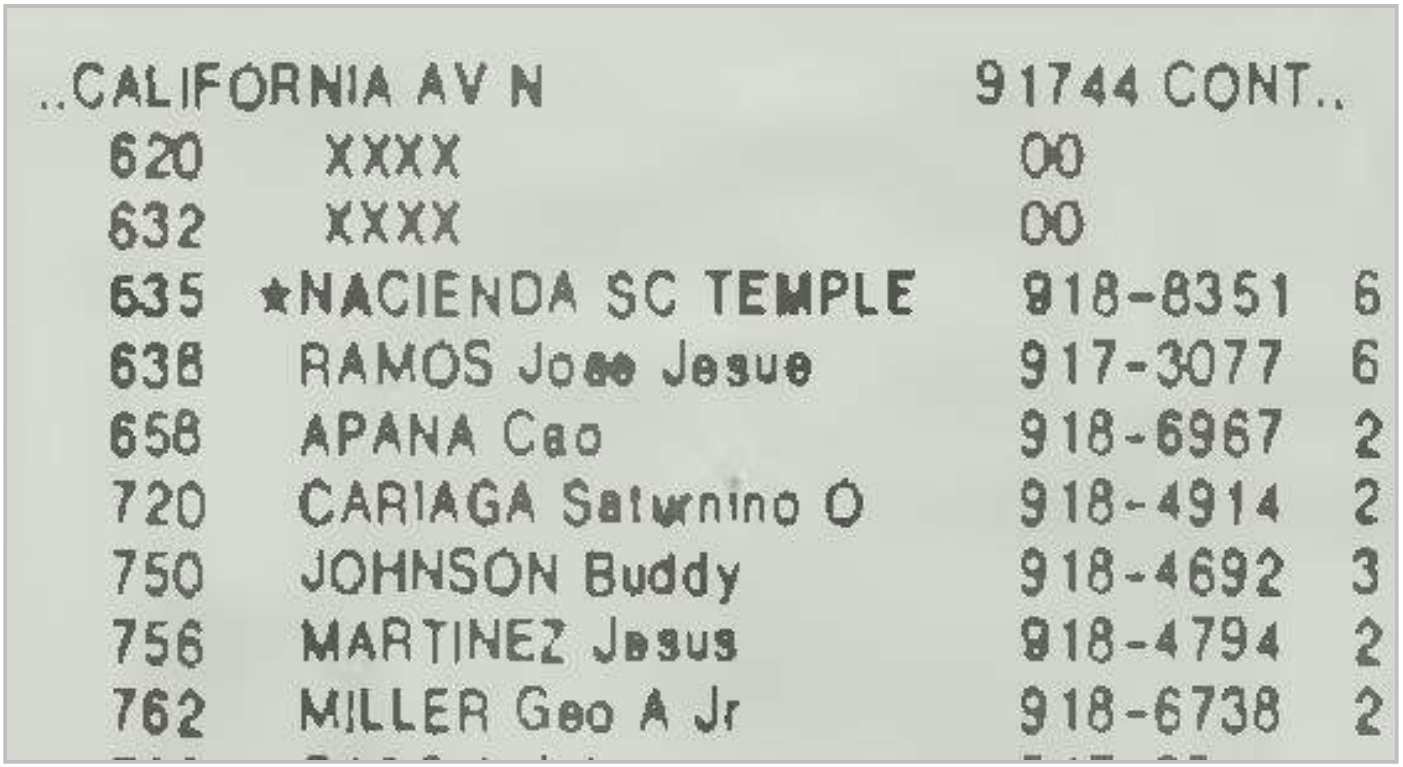
CALIFORNIA AVE 1987



447	XXXX	00	
450	XXXX	00	
511	XXXX	00	
520	XXXX	00	
523	SANCHEZ Cruz	333-4171	4
526	AVILES Alfredo	918-4595	4

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

CALIFORNIA AVE 1987



..CALIFORNIA AV N 91744 CONT..

620	XXXX	00	
632	XXXX	00	
635	★NACIENDA SC TEMPLE	918-8351	6
638	RAMOS Jose Jesue	917-3077	6
658	APANA Cao	918-6967	2
720	CARIAGA Saturnino O	918-4914	2
750	JOHNSON Buddy	918-4692	3
756	MARTINEZ Jesus	918-4794	2
762	MILLER Geo A Jr	918-6738	2

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

GIORDANO ST 1987

13930	XXXX	00	
13941	PENA Frank	918-4380	0
13942	FUJITA Kaname Tom	918-D597	0
13947	LOPEZ Ralph Jr	918-6635	0
13948	MORRIS Nadon	918-0869	0
13954	XXXX	00	

ZIP CODE 91744

14630	*LA CO PARKS	918-7000	2
14902	THONPE Arthur C	918-6930	2
14918	FEAGINS Ruby	918-5012	2
	LICON Ruby	918-3182	6
	LICON Ruby	918-5012	+7
	VARGAS David	918-6012	3
14919	CASTILLO John	918-1129	4
14930	XXXX	00	
14944	HADLEY Leonard J	918-4260	2
14945	MOCTEZUMA Cesar	918-9905	+7

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

CALIFORNIA AVE 1982

447	KERSH GREGORY	968-7583	+2
450	GUIDO RICARDO	968-1986	+2
511	LEMING THOS	330-8661	1
514	BEDASHI ALLAN	918-7153	+2
520	OCHOA ARTHUR	918-3778	+2
526	VONDERSAAR MARK	918-4595	+2
620	XXXX	00	
632	HALE RONNIE	918-4189	+2
638	STRANSKY GEO A	918-4077	+2
668	APANA GEO	918-6967	+2
720	CARIAGA SATURNINO O	918-4914	+2
750	JOHNSON BUDDY	968-6292	3
756	MARTINEZ JESUS	918-4794	+2
762	MILLER GEO A JR	918-6738	+2

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

GIORDANO ST 1982

13935	DAMPF JOS W	918-0837	0
13941	PENA FRANK	918-4380	0
13942	FUJITA KANAME TOM	918-0697	0
13947	LOPEZ RALPH JR	918-6635	0
13948	MORRIS NADON	918-0869	0
13954	XXXX	00	

ZIP CODE 91744

14830	LACO PK DIAMOND PK	918-7008	+2
14902	THORPE ARTHUR C	918-6930	+2
14918	FEAGINS RUBY	918-5012	+2
	LICON RUBY	918-3182	+2
	LICON RUBY	918-5012	+2
	VARGAS DAVID	918-5050	+2
14919	DALE RANDALL W	918-3669	+2
14930	XXXX	00	
14944	HADLEY LEONARD J	918-4260	+2
14945	XXXX	00	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

CALIFORNIA AVE 1976

514	WELLMAN JAMES	968-3208+6
520	OCHOA ARTHUR	330-6928 5
523	SAX LEO	333-7700
529	XXXX	OO
534	MUNOZ ROBERTO	333-0926 5
535	XXXX	OO
602	XXXX	OO
614	XXXX	OO
620	LEDUC ROBT	330-8474 4
632	HALE RONNIE	333-7709
638	ZAHARIADES GARY	333-6121
644	ZAMUDIO HECTOR A	968-8002 5
650	XXXX	OO
656	WEEKS EVERETT K	336-5652
662	MUNOZ TRINIDAD	333-3439
668	APANA GEO	330-8577

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

GIORDANO ST 1976

13935	DAMPF JOSEPH W	336-4027 3
13941	XXXX	OO
13942	FUJITA KANAME T	336-0187
13947	MORSE F E	336-6629
13948	WIENKE GORDON D	336-4189
13954	RAMIREZ PEDRO	333-6452 3

ZIP CODE 91744 LA PUENTE

14902	THORPE ARTHUR C	336-8410
14919	XXXX	OO
14930	CARMONA ROBT	333-0097+6
14944	HADLEY LEONARD J	333-6780
14945	XXXX	OO
14957	SPAULDING JAMES D	333-0631

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

CALIFORNIA AVE 1973

459	GUTIERREZ	LOUIS	M	333-3344	
471	RODRIGUEZ	E		330-2873	2
	RODRIGUEZ	ROBT		330-2873	
508	XXXX			00	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

CALIFORNIA AVE 1973

..CALIFORNIA 91744 CONT..

523	SAX LEO	333-7700
529	ARAGONEZ H MRS	333-3932
535	XXXX	OO
602	XXXX	OO
614	SONNENBURG DENNIS	336-8589
620	DIXON RACHEL	330-4782+3
632	HALE RONNIE	333-7709
638	ZAHARIADES GARY	333-6121
650	XXXX	OO
656	WEEKS EVERETT K	336-5652
662	MUNOZ TRINIDAD	333-3439
668	APANA GEO	330-8577
702	GONZALES THOS	33D-2108 2

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

GIORDANO ST 1973

13935	DAMPF JOSEPH W	336-4027+3
13941	*DU BAR PROGRAMMING	968-6161 2
13942	FUJITA KANAME T	336-0187
13947	MORSE F E	336-6629
13948	WIENKE GORDON D	336-4189
13954	RAMIREZ PEDRO	333-6452+3

ZIP CODE 91744 LA PUENTE

14902	THORPE ARTHUR C	336-8410
14919	*FREEWAY AUTO CLINIC	333-7411+3
14930	XXXX	OO
14944	HADLEY LEONARD J	333-6780
14945	FRANCO JOE	968-6130+3
	FRANCO MERNA	968-6130+3
	MURO MADALINE	330-9451+3
14957	SPAULDING JAS D	333-0631

Target Street	Cross Street	Source
✓	-	Arcadia Directory Co

CALIFORNIA AVE 1969

523 Sax Leo ® 3-7700
526 Hovland R E ®
529 Aragonez R M ® 3-3932
534 Longville A C ®
535 Meijer H D ® 3-4214
540 Policarpio M R ® 3-4476
Temple intersects
602 Pigott B J ®
608 Kellogg R L ® 6-9636
614 Sonnenburg D J ® 6-8589
620 Dixon Rachel Mrs ®
0-4782
626 Refused
632 Hale R L ® 3-7709
635 Temple School 3-2201
638 Zahairades Gary ®3-6121
644 Taylor M A ® 6-4381
650 Riedl B E ® 3-5745
656 Weeks E K ® 6-5652
662 Vacant
668 Apana Geo 0-8577
702 Vacant

Target Street	Cross Street	Source
-	✓	Arcadia Directory Co

GIORDANO ST 1969

13936 Prather S N ©
13941 Dubin J L
13942 Fujita K T © 6-0187
13947 Morse F E © 6-6629
13948 Wienke G D © 6-4189
13954 Ramirez Pete © 3-6452
Willow Av intersects
(Not open to California Av)
14902 Thorpe A C © 6-8410
14918 Mitchel P J
14919 Holman B G 968-1389
14930 Saltmarsh Michl
968-2785
14944 Hadley L J © 3-6780
14945 Ohr J A ©

Target Street	Cross Street	Source
✓	-	Pacific City Directory

CALIFORNIA AVE 1964

523 Sax Leo ◎ 3-7700
526 Hovland R E ◎
529 Aragonez R M ◎ 3-3932
534 Longville A C ◎ 3-6189
535 Meijer H A D ◎ 3-4214
540 Hoertner Florian 6-0717
Temple intersects
602 Pigott B J ◎ 3-9204
608 Kellogg R L ◎ 6-9636
614 Sonnenburg D J ◎ 6-8589
620 Dixon Rachel 0-4782
626 No Listing
632 McClinton J C ◎ 3-8221
635 Temple School 3-2201
638 Reed D E ◎ 3-9755
644 Reid D E ◎ 3-5954
650 Riedl B E ◎ 3-5745
656 Weeks E K ◎ 6-5652
662 Morris G Y ◎ 3-2666
668 Kaubie D W ◎ 0-2547
702 Juarez J M ◎ 6-2158

Target Street	Cross Street	Source
-	✓	Pacific City Directory

GIORDANO ST 1964

13936 Prather S N ◎
13941 Dubin Judith Mrs ◎
13942 Cordova Wm ◎ 0-1475
13947 Morse F E ◎ 6-6629
13948 Wienke G D ◎ 6-4189
13954 Ramirez Pete 3-6452
Willow Av intersects
(Not open to California Av)
14902 Thorpe A C ◎ 6-8410
14918 Feagins L L ◎ 3-5044
14919 No Listing
14930 Carmona J R ◎
14944 Hadley L J ◎ 3-6780
14945 Ohr J A ◎ 3-1034

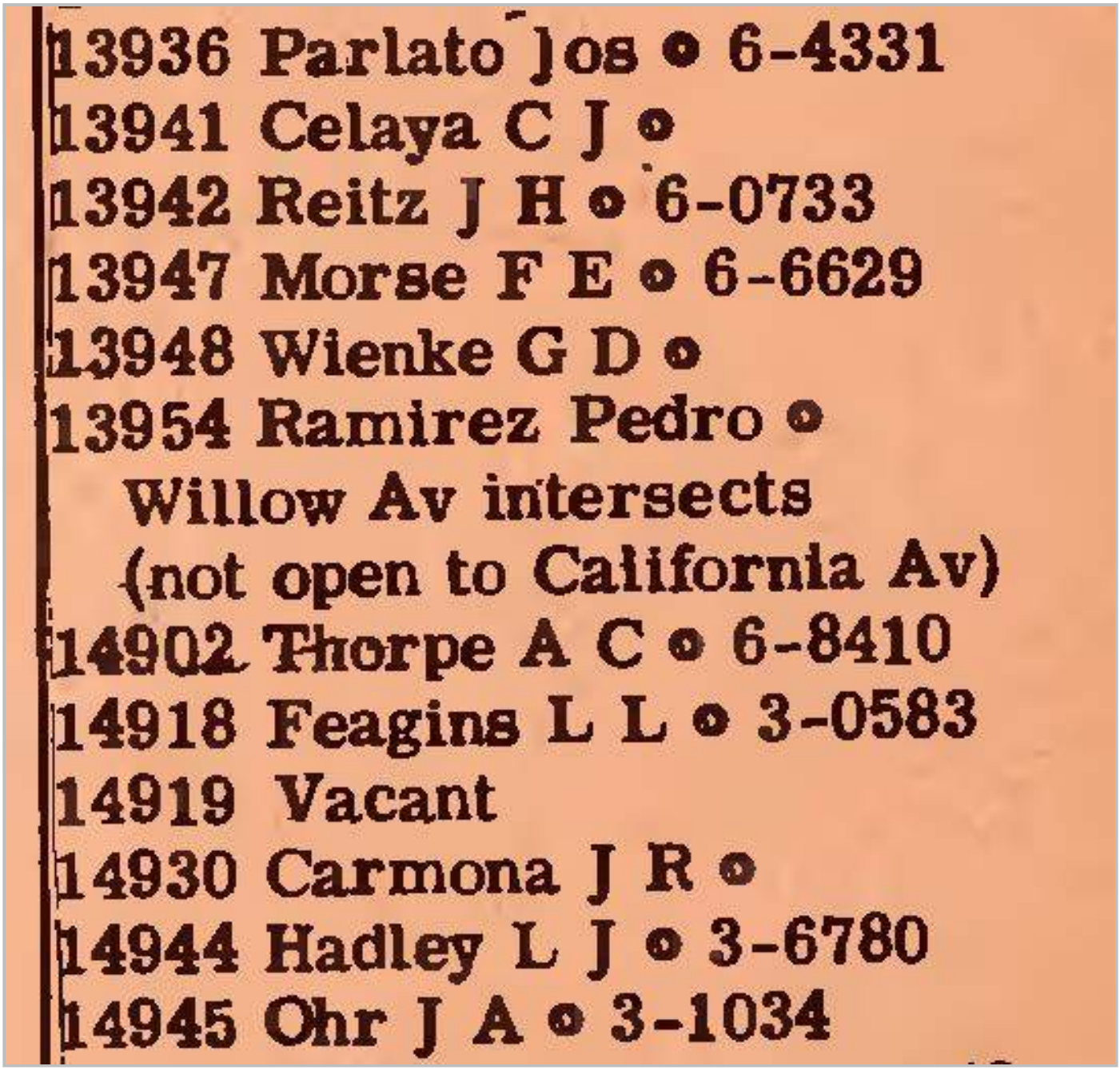
Target Street	Cross Street	Source
✓	-	Pacific City Directory

CALIFORNIA AVE 1961

523 Sax Leo ◎ 3-7700
526 Bonertz F E ◎ 3-5860
529 Aragonez Ralph ◎ 3-3932
534 Frazier K L ◎ 6-4920
535 Meijer H A D ◎ 3-4214
540 Arriola J C ◎
Temple intersects
602 Pigott B J ◎
608 Kellogg R L ◎ 6-9636
614 Sonnenburg D J ◎ 6-8589
620 Wardle W D ◎ 6-8166
626 No Listing
632 McClinton J C ◎ 3-8221
635 Temple School 3-2201
638 Archuleta J G ◎
644 Reid D E ◎
650 Riedl B E ◎ 3-5745
656 Weeks E K ◎ 6-5652
662 Vacant
668 Palazzola V W
702 Webb L K ◎ 6-6988

Target Street	Cross Street	Source
-	✓	Pacific City Directory

GIORDANO ST 1961



045.05245_635 N California Ave

635 North California Avenue

LA Puente, CA 91744

Inquiry Number: 6274397.4

November 19, 2020

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

11/19/20

Site Name:	Client Name:
045.05245_635 N California Av	EFI Global Inc.
635 North California Avenue	5261 West Imperial Highway
LA Puente, CA 91744	Los Angeles, CA 90045
EDR Inquiry # 6274397.4	Contact: Susana Corletto

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by EFI Global 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:		*Coordinates:*	
P.O.#	NA	**Latitude:**	34.038563 34° 2' 19" North
Project:	045.05245	**Longitude:**	-117.963434 -117° 57' 48" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	411067.61
		UTM Y Meters:	3766850.33
		Elevation:	315.00' above sea level

Maps Provided:

2012	1897
1981	1894
1972	
1966	
1953	
1927	
1904	
1898	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Baldwin Park
2012
7.5-minute, 24000

1981 Source Sheets



Baldwin Park
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets



Baldwin Park
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1966 Source Sheets



Baldwin Park
1966
7.5-minute, 24000
Aerial Photo Revised 1964

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953 Source Sheets



Baldwin Park
1953
7.5-minute, 24000
Aerial Photo Revised 1952

1927 Source Sheets



Puente
1927
7.5-minute, 24000

1904 Source Sheets



Pomona
1904
15-minute, 62500

1898 Source Sheets



Pomona
1898
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1897 Source Sheets



Pomona
1897
15-minute, 62500

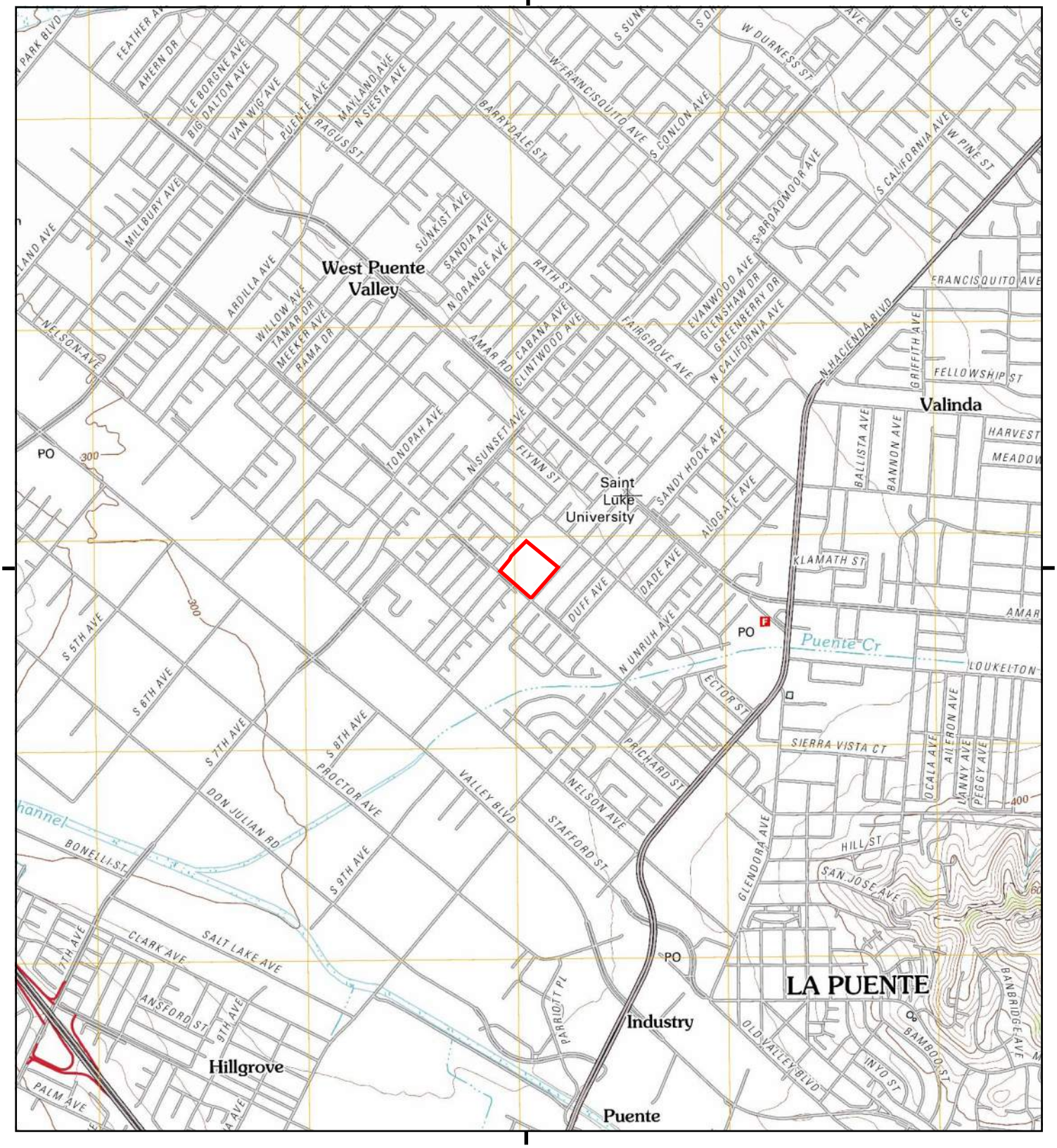
1894 Source Sheets



Pomona
1894
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

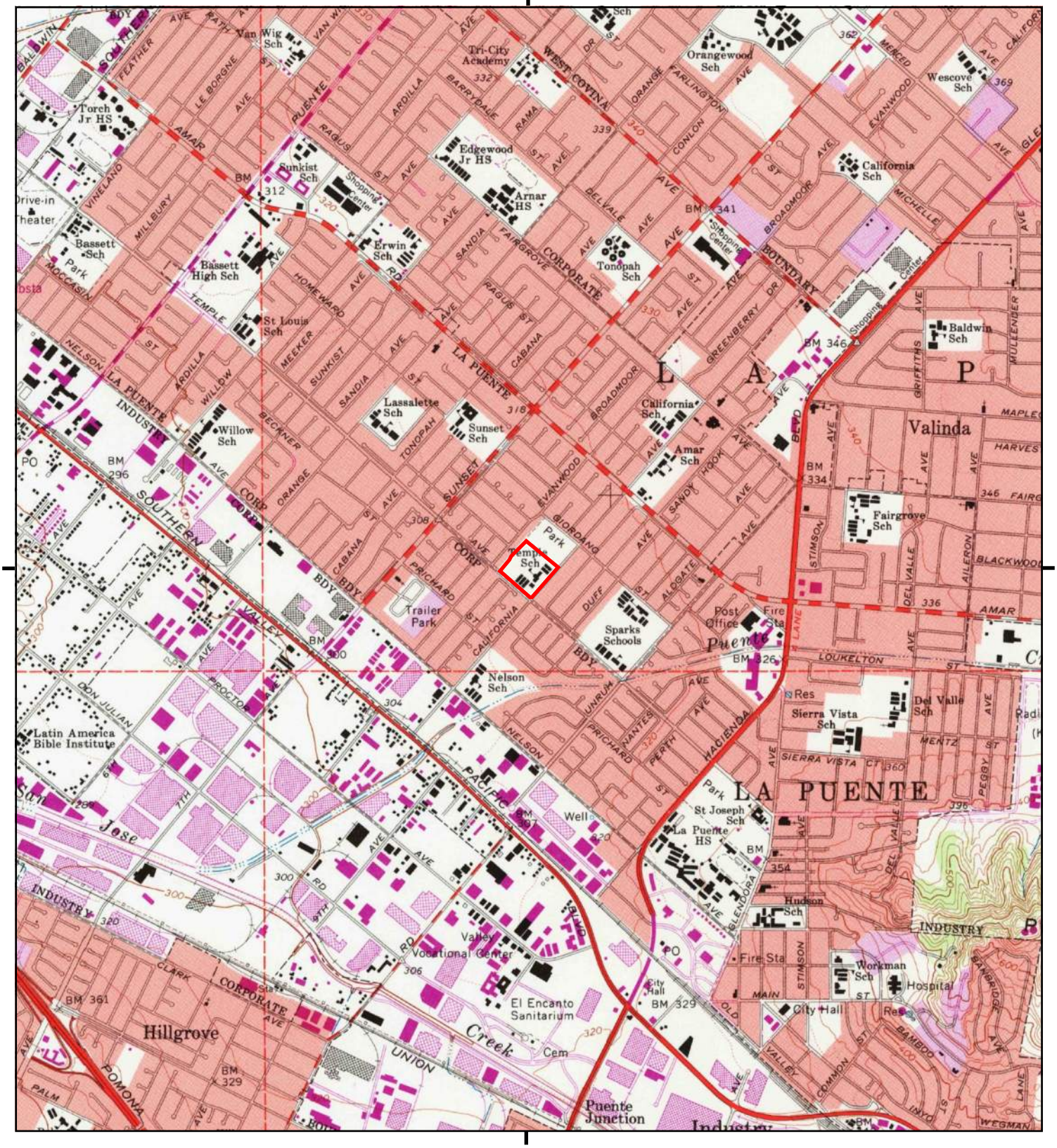
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Baldwin Park, 2012, 7.5-minute

SITE NAME: 045.05245_635 N California Ave
ADDRESS: 635 North California Avenue
LA Puente, CA 91744
CLIENT: EFI Global 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

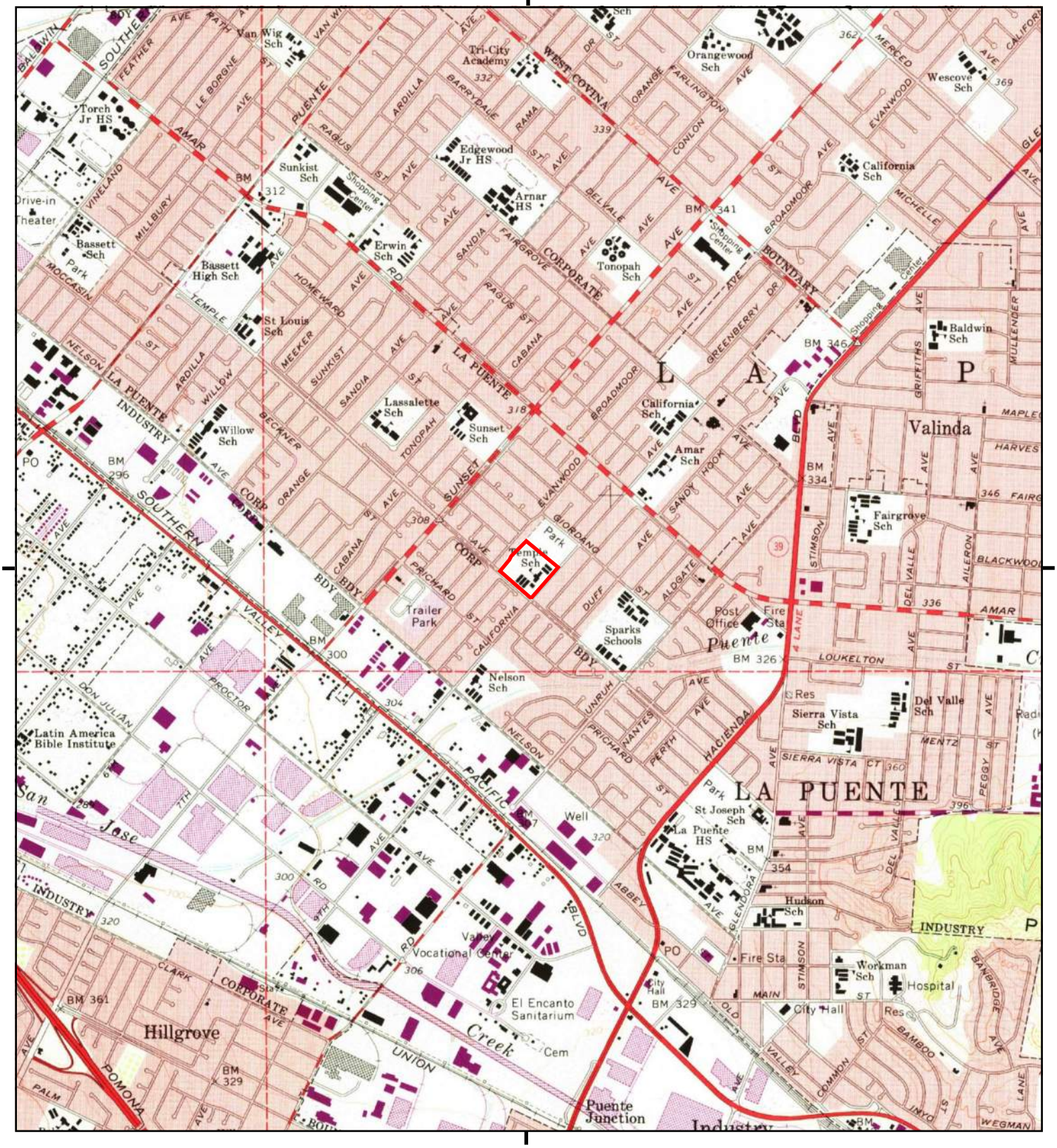
TP, Baldwin Park, 1981, 7.5-minute

SITE NAME: 045.05245_635 N California Ave
ADDRESS: 635 North California Avenue
LA Puente, CA 91744
CLIENT: EFI Global Inc.

N

Historical Topo Map

1972



This report includes information from the following map sheet(s).

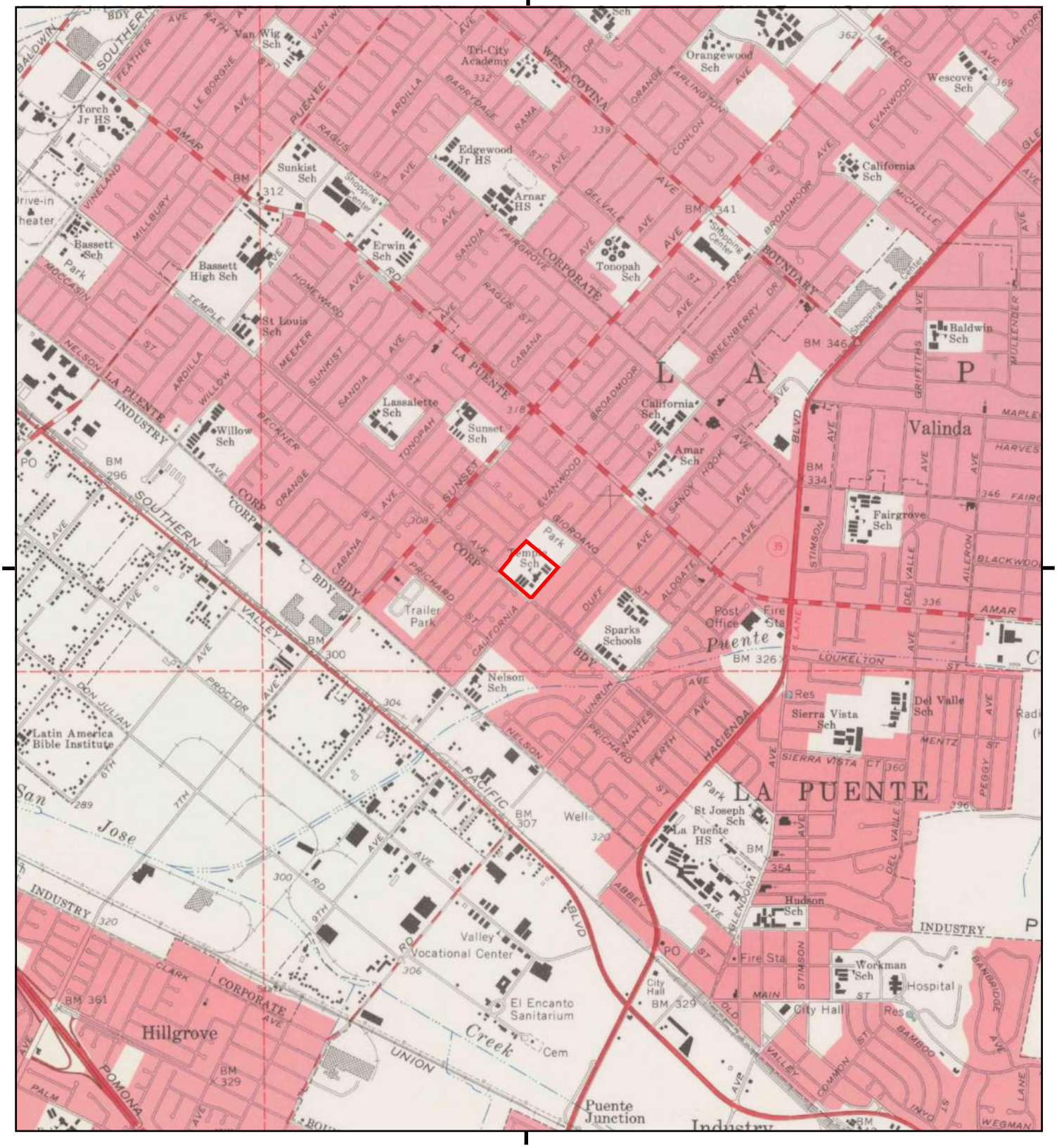
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Baldwin Park, 1972, 7.5-minute

SITE NAME: 045.05245_635 N California Ave
ADDRESS: 635 North California Avenue
LA Puente, CA 91744
CLIENT: EFI Global Inc.

N



This report includes information from the following map sheet(s).

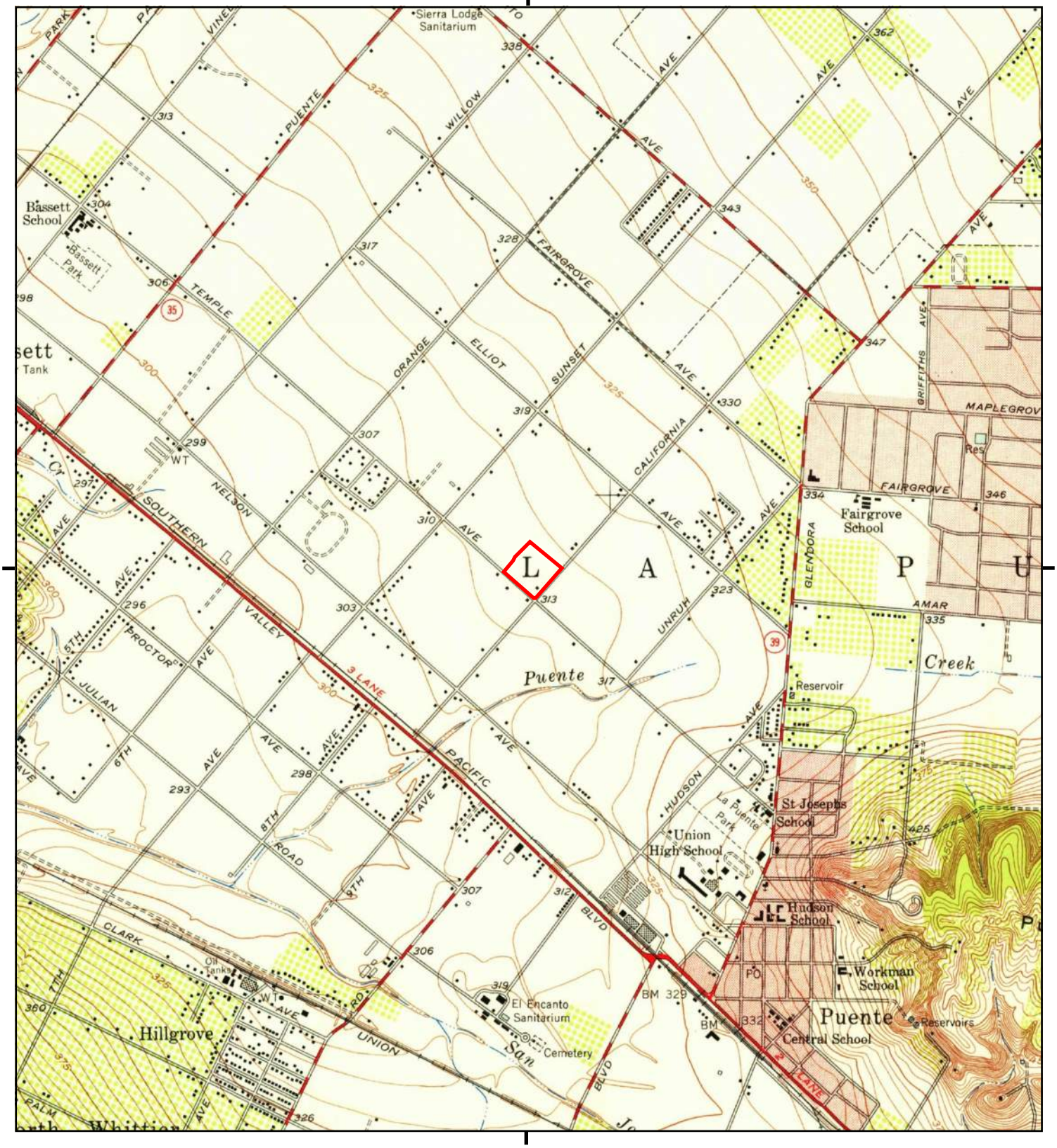
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Baldwin Park, 1966, 7.5-minute

SITE NAME: 045.05245_635 N California Ave
ADDRESS: 635 North California Avenue
LA Puente, CA 91744
CLIENT: EFI Global 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

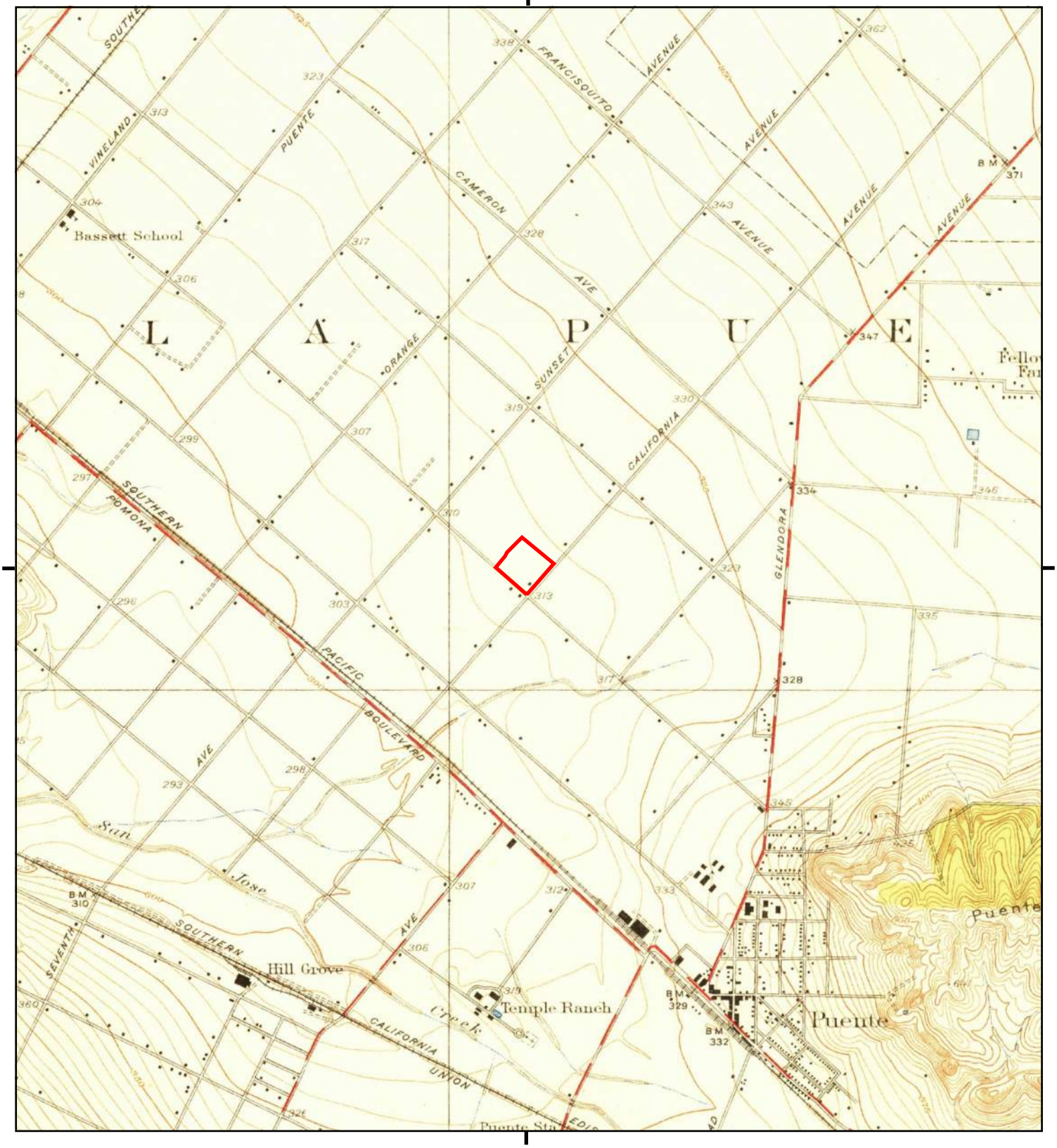
TP, Baldwin Park, 1953, 7.5-minute

SITE NAME: 045.05245_635 N California Ave
ADDRESS: 635 North California Avenue
LA Puente, CA 91744
CLIENT: EFI Global Inc.

N

Historical Topo Map

1927



This report includes information from the following map sheet(s).

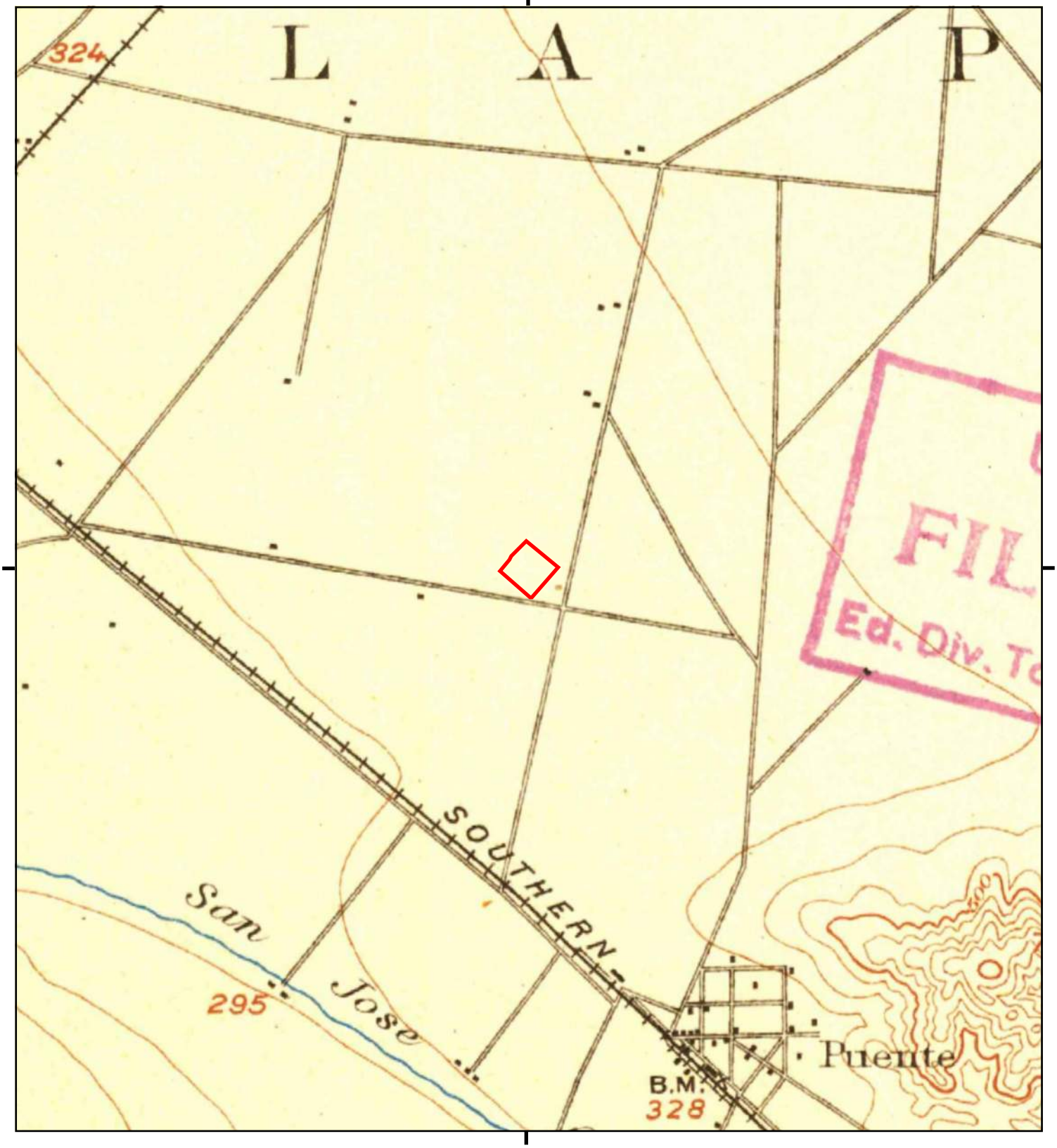
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Puente, 1927, 7.5-minute

SITE NAME: 045.05245_635 N California Ave
ADDRESS: 635 North California Avenue
LA Puente, CA 91744
CLIENT: EFI Global Inc.

N



This report includes information from the following map sheet(s).

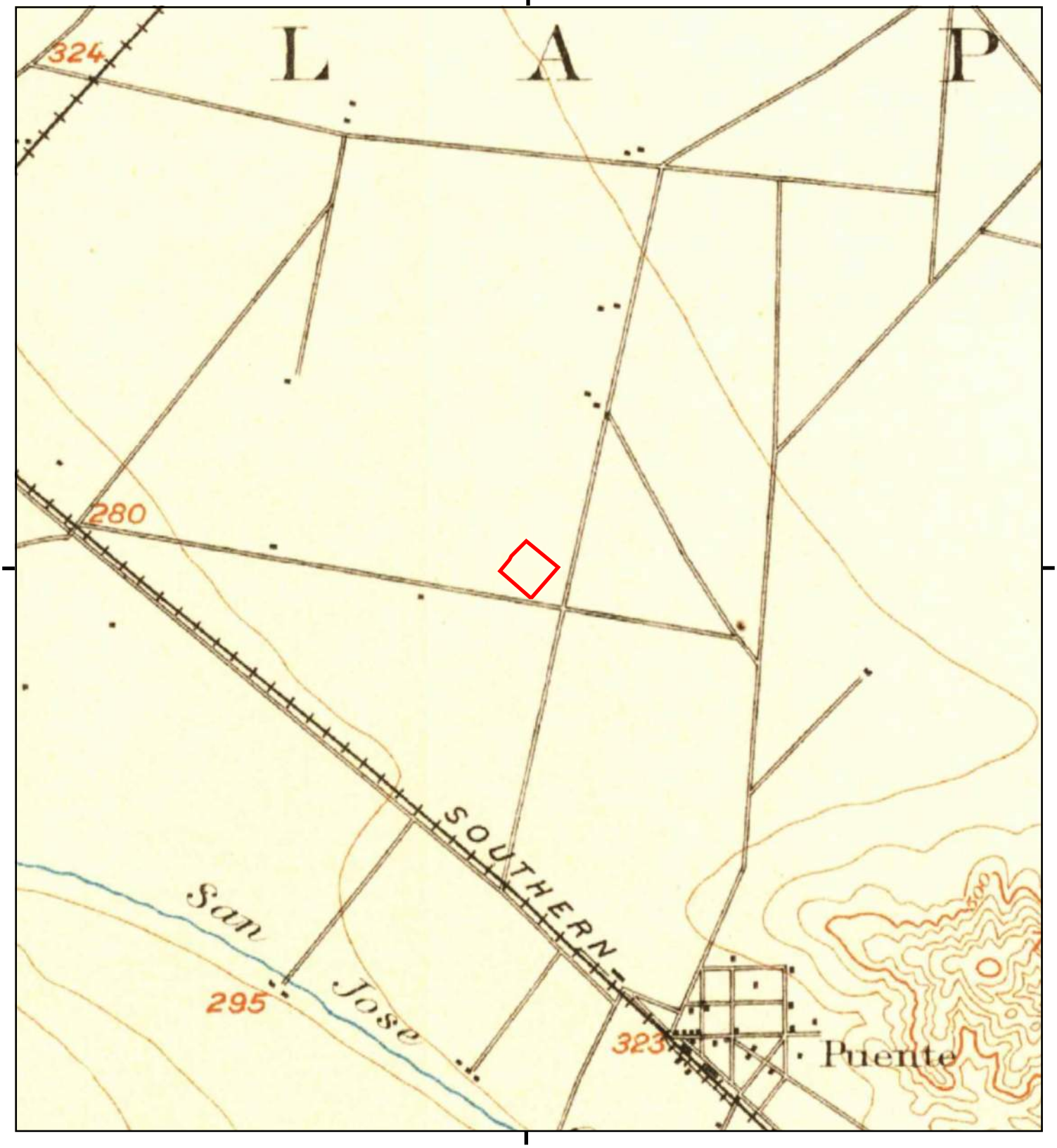
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pomona, 1904, 15-minute

SITE NAME: 045.05245_635 N California Ave
ADDRESS: 635 North California Avenue
LA Puente, CA 91744
CLIENT: EFI Global Inc.

N



This report includes information from the following map sheet(s).

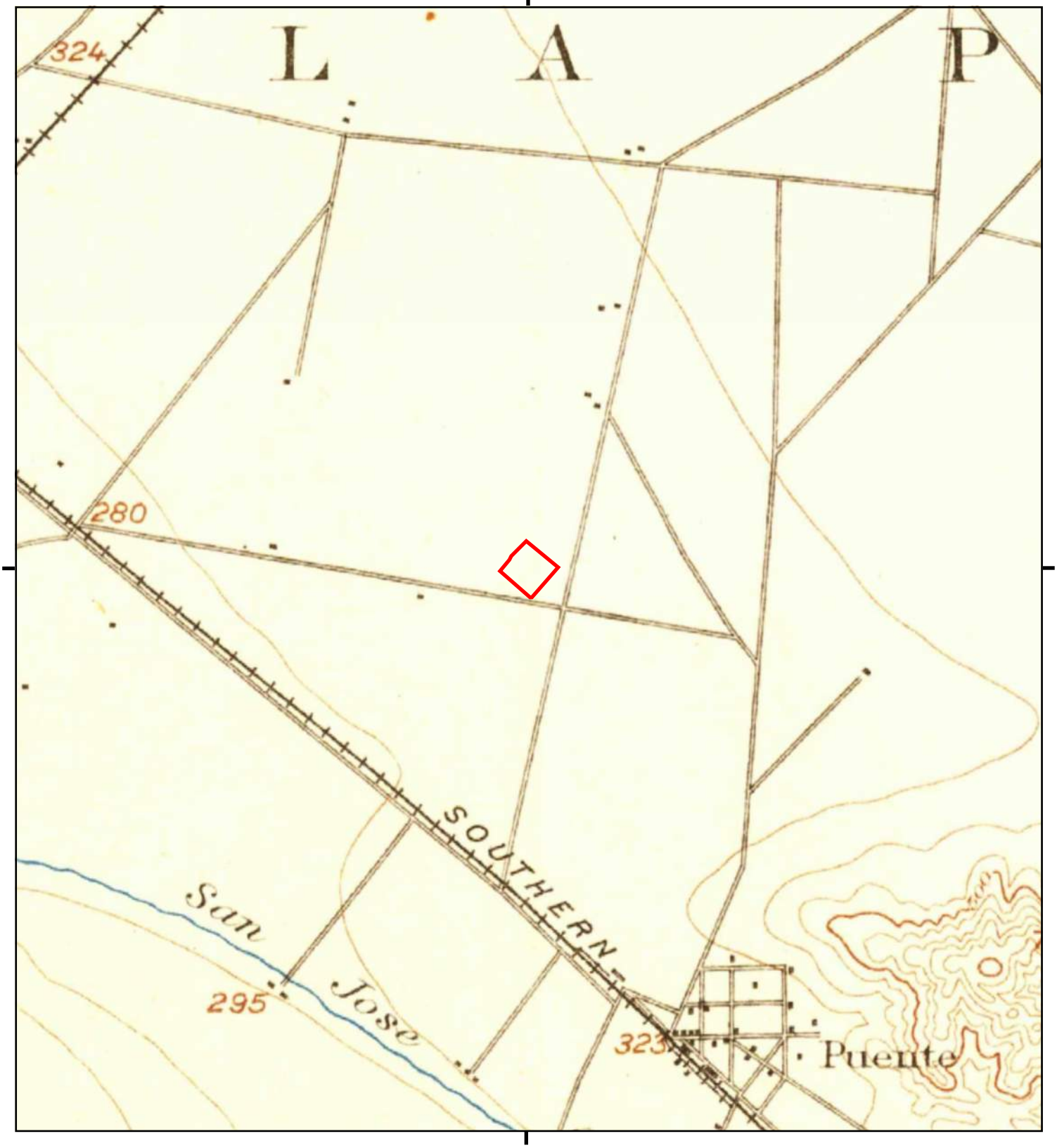
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pomona, 1898, 15-minute

SITE NAME: 045.05245_635 N California Ave
ADDRESS: 635 North California Avenue
LA Puente, CA 91744
CLIENT: EFI Global Inc.

N



This report includes information from the following map sheet(s).

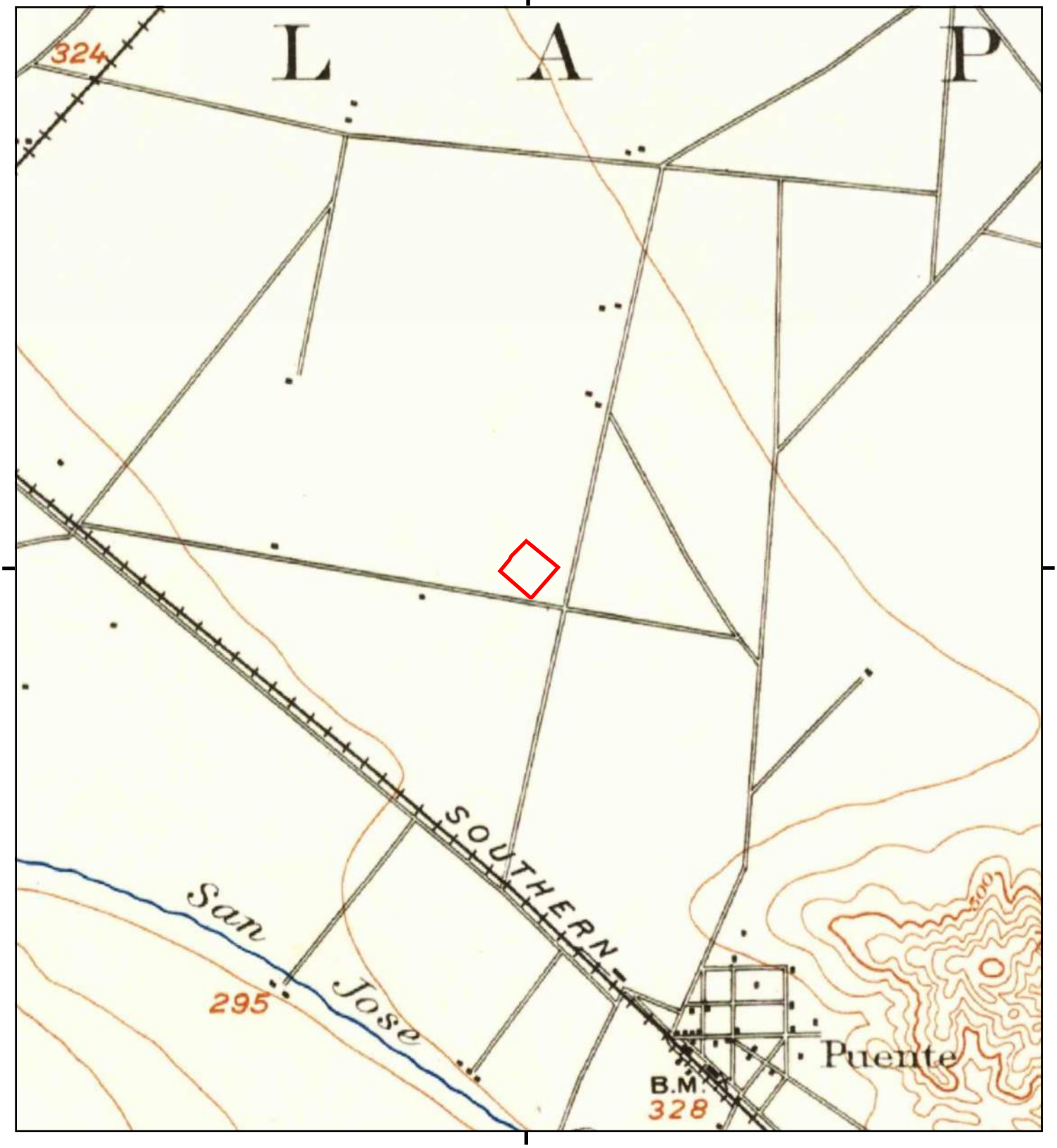
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pomona, 1897, 15-minute

SITE NAME: 045.05245_635 N California Ave
ADDRESS: 635 North California Avenue
LA Puente, CA 91744
CLIENT: EFI Global 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, Pomona, 1894, 15-minute

SITE NAME: 045.05245_635 N California Ave
ADDRESS: 635 North California Avenue
LA Puente, CA 91744
CLIENT: EFI Global Inc.

N

045.05245_635 N California Ave

635 North California Avenue

LA Puente, CA 91744

Inquiry Number: 6274397.3

November 19, 2020

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/19/20

Site Name:

045.05245_635 N California Av
635 North California Avenue
LA Puente, CA 91744
EDR Inquiry # 6274397.3

Client Name:

EFI Global Inc.
5261 West Imperial Highway
Los Angeles, CA 90045
Contact: Susana Corletto

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by EFI Global 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 # CA6D-4EAA-B0B8

PO # NA

Project 045.05245

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: CA6D-4EAA-B0B8

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX V

REGULATORY AGENCY FILE REVIEWS

Corletto, Susana

From: Corletto, Susana
Sent: Thursday, November 19, 2020 1:34 PM
To: RB4-PublicRecords@waterboards.ca.gov
Subject: Public Records Request

Hello,

This firm is performing a Phase I Environmental Site Assessment for the property located at the following address:

635 North California Avenue, La Puente, California 91744

We are requesting any information from your department pertaining to the above property.

Please feel free to contact me with any questions or concerns. Thank you for your assistance with this information.

Best regards,

Susana Corletto | Project Manager
EFI Global, Inc.
Los Angeles, CA
CELL 310.425.6087
CSLB License #: 885902
www.efiglobal.com | Caring counts®

Covid-19 Note: EFI Global is fully operational and committed to providing essential services during the COVID-19 outbreak as established by applicable guidelines and supporting critical properties related to healthcare, education, defense, hospitality, and telecom industries, as well as private industry, and the property insurance and real estate finance marketplaces. Many of our professional team are working from home offices and are equipped to manage requests for new assignments and to provide comprehensive on-site services. Our national industrial hygiene division continues to develop best practices and site-specific disinfection protocols for clients with direct physical property impacted from Covid-19. ***If you have any needs, please email me or assignaproject@efiglobal.com.***

Arellano, Diana

From: Choi, Younga@Waterboards <Younga.Choi@Waterboards.ca.gov> on behalf of WB-RB4-PublicRecords <RB4-PublicRecords.RB4-PublicRecords@waterboards.ca.gov>
Sent: Monday, November 30, 2020 11:00 AM
To: Corletto, Susana
Cc: Choi, Younga@Waterboards
Subject: RE: Public Records Request Tracking No 2020111909

The Regional Board has reviewed its files and has concluded that it does not have any records that are responsive to your request.

Younga Choi
Associate Governmental Program Analyst, Custodian of Records
Phone: (213)576-6631/Email: younga.choi@waterboards.ca.gov
Due to the COVID-19 emergency, I am teleworking. The quickest way to reach me is by email.

Public Records and Freedom of Information Act
Rb4-Publicrecords@waterboards.ca.gov

****
This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From: Corletto, Susana <Susana.Corletto@EFIGLOBAL.com>
Sent: Thursday, November 19, 2020 1:34 PM
To: WB-RB4-PublicRecords <RB4-PublicRecords.RB4-PublicRecords@waterboards.ca.gov>
Subject: Public Records Request

EXTERNAL:

Hello,

This firm is performing a Phase I Environmental Site Assessment for the property located at the following address:

635 North California Avenue, La Puente, California 91744

We are requesting any information from your department pertaining to the above property.

Please feel free to contact me with any questions or concerns. Thank you for your assistance with this information.

Best regards,

Susana Corletto | Project Manager
EFI Global, Inc.
Los Angeles, CA
CELL 310.425.6087

CSLB License #: 885902
www.efiglobal.com | Caring counts®

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Any personal data acquired, processed or shared by us will be lawfully processed in line with applicable data protection legislation. If you have any questions regarding how we process personal data refer to our Privacy Notice https://www.sedgwick.com/global-privacy-policy. Any communication including this email and files/attachments transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If this message has been sent to you in error, you must not copy, distribute or disclose of the information it contains and you must notify us immediately (contact is within the privacy policy) and delete the message from your system.

Corletto, Susana

From: Corletto, Susana
Sent: Thursday, November 19, 2020 1:35 PM
To: ChatsworthFileRoom@dtsc.ca.gov
Subject: Public Records Request

Hello,

This firm is performing a Phase I Environmental Site Assessment for the property located at the following address:

635 North California Avenue, La Puente, California 91744

We are requesting any information from your department pertaining to the above property.

Please feel free to contact me with any questions or concerns. Thank you for your assistance with this information.

Best regards,

Susana Corletto | Project Manager
EFI Global, Inc.
Los Angeles, CA
CELL 310.425.6087
CSLB License #: 885902
www.efiglobal.com | Caring counts®

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Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
9211 Oakdale Avenue
Chatsworth, California 91311

Gavin Newsom
Governor

November 24, 2020

Susana Corletto
EFI Global, Inc.
Susana.Corletto@efiglobal.com

Public Records Request Number: PR3-111920-07
Location: 635 North California Ave., La Puente, CA 91744

Dear Ms. Corletto:

On November 19, 2020 the Department of Toxic Substances Control (DTSC) received your email of the same date requesting records under the Public Records Act. After a thorough review of our files, no site records were found pertaining to the site/facility referenced above.

DTSC's Hazardous Waste Tracking System (HWTS) may have records that pertain to this request. This unit tracks toxic waste generators, transporters (manifests), and disposal facilities. If you are interested in this type of information, it can be identified by accessing the HWTS database at http://hwts.dtsc.ca.gov/report_search.cfm?id=5. If you are interested in retrieving detailed reports, additional charges may apply. Please contact the HWTS unit by email at hwtsreports@dtsc.ca.gov or by phone at (800) 618-6942 for further information. For copies of manifests, please send an email to mcr@dtsc.ca.gov.

DTSC's E-Waste unit may also have records that pertain to this request. "E-Waste" refers to any unwanted electronic device or Cathode Ray Tube (CRT) and is classified as universal waste. E-Waste frequently contains hazardous materials, predominantly lead and mercury, and is produced by households, businesses, governments, and industries. I have forwarded your Public Records Act request to that unit for further processing. Please contact them by email at electronicwaste@dtsc.ca.gov if you are interested in this information.

Many of our records are available on EnviroStor, an online database that provides non-confidential, public access to DTSCs data management system. It tracks our cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known or suspected contamination issues. EnviroStor is available 24/7, 365 days a year. The data reflects the latest updates as they are entered in the system. Access it from your computer or smartphone, the local library – anywhere Internet access is available. Just go to www.envirostor.dtsc.ca.gov. You'll find a step-by-step tour of EnviroStor under the "How to Use EnviroStor" menu on the website.

If you have any questions or would like further information regarding your request, please contact me at 818-717-6521 or via email at ChatsworthFileRoom@dtsc.ca.gov.

Sincerely,

Robert Hardison

Robert Hardison
Records Mgt. Asst. Coordinator

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsom
Governor

Facility Search Results

Selection Criteria:

Facility:
Search on: Physical Address
Street: california
Zip: 91744
Status: Active and Inactive
Sort Direction: asc
Sorted By: EPA ID
Records Found: 58

EPA ID Number	Name	Address	City	Zip
CAC000708352	1X HACIENDA LA PUENTE USD	CALIFORNIA	LA PUENTE	917440000
CAC000730888	HACIENDA LAPUENTE UNIFIED SCHOOL	330 CALIFORNIA AVE	LA PUENTE	917440000
CAC000750320	1X PUENTE READY MIX	209 NORTH CALIFORNIA	CITY OF INDUSTRY	917440000
CAC000780128	1X PUENTE READY MIX	209 NORTH CALIFORNIA AVENUE	CITY OF INDUSTRY	917440000
CAC000867696	1X BARR LUMBER	127 NORTH CALIFORNIA AVE.	INDUSTRY	917440000
CAC001112984	HACIENDA LA PUENTA SCHOOL DIST/CALIF ELM	CALIFORNIA ELEMENTARY SCHOOL	LA PUENTE	917440000
CAC001133680	HLPUSD = NELSON ELEMENTARY	330 CALIFORNIA AVE	LA PUENTE	917440000
CAC001233856	FLEET FUELS LLC	127 NORTH CALIFORNIA AVENUE	INDUSTRY	917440000

CAC002279569	CALIFORNIA ELEMENTARY	1111 CALIFORNIA AVE	LA PUENTE	917440000
CAC002279577	CALIFORNIA EAST	1000 CALIFORNIA AVE	LA PUENTE	917440000
CAC002279585	LASSALETTE ELEMENTARY	1000 CALIFORNIA AVE	LA PUENTE	917440000
CAC002279593	NELSON ELEMENTARY	330 CALIFORNIA AVE	LA PUENTE	917440000
CAC002343055	TEMPLE ACADEMY	635 CALIFORNIA AVE	LA PUENTE	917440000
CAC002562788	CALIFORNIA ELEMENTARY SCHOOL	1111 CALIFORNIA AVE	LA PUENTE	917440000
CAC002567136	HACIENDA/LA PUENTE USD	1111 N CALIFORNIA AVE	LA PUENTE	917440000
CAC002569216	HLPUSD TEMPLE ACADEMY	635 CALIFORNIA AVE	LA PUENTE	917440000
CAC002578301	HLPUSD CALIFORNIA ELEMENTARY SCHOOL	1111 CALIFORNIA AVE	LA PUENTE	917440000
CAC002582811	HACIENDA-LA PUENTE USD/NELSON ELEMENTARY	330 CALIFORNIA AVE	LA PUENTE	917440000
CAC002592195	HACIENDA LA PUNETE UNIFIED SCHOOL DISTRICT	1048 N CALIFORNIA AVE	LA PUENTE	917441924
CAC002592459	HACIENDA LA PUENTE USD	1000 CALIFORNIA AVE	LA PUENTE	91744
CAC002618012	HACIENDA LA PUENTE USD CALIFORNIA	1111 CALIFORNIA AVE	LA PUENTE	91744
CAC002618024	HACIENDA LA PUENTE USD NELSON	330 CALIFORNIA AVE	LA PUENTE	91744
CAC002618027	HACIENDA LA PUENTE USD TEMPLE ACADEMY	635 CALIFORNIA AVE	LA PUENTE	91744
CAC002630908	ADUARDO SCHNEIDER	241 N CALIFORNIA AVE	CITY OF INDUSTRY	917444310
CAC002661954	SILAO TORTILLERIA INC	250 N CALIFORNIA AVE	CITY OF INDUSTRY	91744
CAC002693686	CONCHA DOMINQUEZ	1302 N CALIFORNIA AVE	LA PUENTE	91744
CAC002713462	NGUYEN, THANH	526 N. CALIFORNIA AVE.	LA PUENTE	91744
CAC002731322	HACIENDA LA PUENTE USD - NELSON ELEMENTARY	330 N CALIFORNIA AVE	LA PUENTE	917443718
CAC002753684	ALVARADO, ALEJANDRO	803 N CALIFORNIA AVE	LA PUENTE	917442606
CAC002758544	VIVIAN COOPER	1333 N CALIFORNIA AVE	LA PUENTE	917441005
CAC002767234	HACIENDA LA PUENTE USD	1111 N CALIFORNIA AVE	LA PUENTE	917441927
CAC002767238	HACIENDA LA PUENTE USD	330 N CALIFORNIA AVE	LA PUENTE	917443718
CAC002767241	HACIENDA LA PUENTE USD	635 N CALIFORNIA AVE	LA PUENTE	917442602
CAC002771979	HACIENDA LA PUENTE USD - NELSON ELEM	330 N CALIFORNIA AVE	LA PUENTE	917443718
CAC002775859	PINEGREEN MULTIFAMILY INVESTMENTS	1434 N. CALIFORNIA AVE.	LA PUENTE	91744
CAC002789952	BENNY KHUU	1531 N. CALIFORNIA AVE	LA PUENTE	91744
CAC002805110	JESSICA SMITH	1339 N CALIFORNIA AVE	LA PUENTE	91744
CAC002823020	HACIENDA LA PUENTE USD - NELSON	330 N CALIFORNIA AVE	LA PUENTE	917443718
CAC002837476	HACIENDA LA PUENTE USD - NELSON ELEMENTARY	330 N CALIFORNIA AVE	LA PUENTE	917443718
CAC002840150	HACIENDA LA PUENTE USD - TEMPLE	635 N CALIFORNIA AVE	LA PUENTE	917442602
CAC002840154	HACIENDA LA PUENTE USD - CALIFORNIA ELEMENTARY	1111 N CALIFORNIA AVE	LA PUENTE	917441927
CAC002859403	HECTOR AYALA	1439 N. CALIFORNIA AVE.	LA PUENTE	91744
CAC002859622	TEMPLE ACADEMY	635 N CALIFORNIA AVE	LA PUENTE	91744
CAC002859624	CALIFORNIA ELEMENTARY SCHOOL	1111 N CALIFORNIA AVE	LA PUENTE	91744
CAC002877129	HACIENDA LA PUENTE UNIFIED SCHOOL	1111 N CALIFORNIA AVE	LA PUENTE	91744

	DISTRICT - CALIFORNIA ES			
CAC002965392	ROBERT STOLFUS	933 NORTH CALIFORNIA AVENUE	LA PUENTE	91744
CAC003006218	AMAR EDUCATION CENTER	1000 N CALIFORNIA AVE	LA PUENTE	91744
CAC003065421	JAVIER ECHEVARRA	1237 N CALIFORNIA AVE	LA PUENTE	917441003
CAC003085312	HACIENDA LA PUENTE UNIFIED SCHOOL DISTRICT	CALIFORNIA EL	LA PUENTE	91744
CAD981991581	SOLO ENTERPRISE CORP	220 N CALIFORNIA AVE	CITY OF INDUSTRY	917440000
CAL000030418	BARR LUMBER CO INC	127 N CALIFORNIA	INDUSTRY	917440000
CAL000094883	MURPHY PRINTING	136 CALIFORNIA #B	INDUSTRY	917440000
CAL000106842	MCDOWELL BUSINESS FORMS	136 N CALIFORNIA	INDUSTRY	917440000
CAL000107946	MCDOWELL BUSINESS FORMS	136 N CALIFORNIA, #A	INDUSTRY	917440000
CAL000110541	BARR LUMBER CORPORATION	127 NORTH CALIFORNIA AVE	CITY OF INDUSTRY	917440000
CAL000223052	D & N PRINTING INC	136 CALIFORNIA UNIT B	INDUSTRY	917440000
CAL000308266	PUENTE READY MIX	209 N CALIFORNIA AVE	CITY OF INDUSTRY	917444324
CAL921534943	HEAVY DUTY TRUCK REPAIR	233 N CALIFORNIA	CITY OF INDUSTRY	917440000

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 11/19/2020

Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Jared Blumenfeld
Secretary for
Environmental Protection

Gavin Newsom
Governor

EPA ID PROFILE

Map

ID Number: CAC002618027
Name:
HACIENDA LA PUENTE USD TEMPLE ACADEMY
County: LOS ANGELES
NAICS: N/A

Status: INACTIVE
Inactive Date: 12/18/2007 2:11:55 PM
Record Entered: 6/20/2007 2:11:55 PM
Last Updated: 1/15/2008 10:45:58 AM

	Name	Address	City	State	Zip Code	Phone
Location	HACIENDA LA PUENTE USD TEMPLE ACADEMY	635 CALIFORNIA AVE	LA PUENTE	CA	91744	
Mailing		15959 E GALE AVE	CITY OF INDUSTRY	CA	91745	
Owner	HACIENDA LA PUENTE USD	15959 E GALE AVE	CITY OF INDUSTRY	CA	91745	6269331990

Operator/Contact	DIANNE BERRY/OFF ASSIST	15959 E GALE AVE	CITY OF INDUSTRY	CA	91745	6269338711

Based Only Upon ID Number: **CAC002618027**

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
N/A	N/A	N/A

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

Calif. Manifest Counts and Total Tonnage

No Records Found

Non California Manifest Total Tonnage

No Records Found

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 11/19/2020

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control
Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsom
Governor

EPA ID PROFILE

Map

ID Number: CAC002840150
Name: HACIENDA LA PUENTE USD - TEMPLE
County: LOS ANGELES
NAICS: N/A

Status: INACTIVE
Inactive Date: 3/5/2016 3:00:25 AM
Record Entered: 12/4/2015 2:36:36 PM
Last Updated: 3/5/2016 3:00:25 AM

	Name	Address	City	State	Zip Code	Phone
Location	HACIENDA LA PUENTE USD - TEMPLE	635 N CALIFORNIA AVE	LA PUENTE	CA	917442602	
Mailing		350 N. HACIENDA BLVD.	LA PUENTE	CA	91744	
Owner	HACIENDA LA PUENTE USD	350 N. HACIENDA BLVD.	LA PUENTE	CA	91744	6269338701

Operator/Contact	MARK HANSBERGER - HLPUSD	350 N. HACIENDA BLVD.	LA PUENTE	CA	91744	6269338701

Based Only Upon ID Number: **CAC002840150**

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
Yes	N/A	N/A

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

Calif. Manifest Counts and Total Tonnage

Top line represents Manifest Count and Bottom line represents Total Tonnage

Year	Generator	Trans. 1	Trans. 2	TSDF	ALT. TSDF
2015	**1** **1.38000**	**0** **0.00000**	**0** **0.00000**	**0** **0.00000**	**0** **0.00000**

Non California Manifest Total Tonnage

No Records Found

Waste Code Matrix					
California	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF
RCRA	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF

Waste Code Matrix as a spreadsheet

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 11/19/2020

California Waste Code by Year Matrix

ID Number: **CAC002840150**
Entity Type: **Generator**

2015 2020 Select Years

Calif. Code	Description	2015
151	ASBESTOS-CONTAINING WASTE	1.38000
	Grand Total	1.38000

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 11/19/2020

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control
Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsom
Governor

EPA ID PROFILE

Map

ID Number:	CAC002767241	**Status:**	INACTIVE
Name:	HACIENDA LA PUENTE USD	**Inactive Date:**	7/10/2014 11:52:43 AM
County:	LOS ANGELES	**Record Entered:**	4/10/2014 11:52:43 AM
NAICS:	56291	**Last Updated:**	7/11/2014 3:00:09 AM

	Name	Address	City	State	Zip Code	Phone
Location	HACIENDA LA PUENTE USD	635 N CALIFORNIA AVE	LA PUENTE	CA	917442602	
Mailing		350 N HACIENDA BLVD	LA PUENTE	CA	91744	
Owner	MARK HANSBERGER	350 N HACIENDA BLVD	LA PUENTE	CA	91744	6269338701

Operator/Contact	MARK HANSBERGER	350 N HACIENDA BLVD	LA PUENTE	CA	91744	6269338701

Based Only Upon ID Number: **CAC002767241**

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
Yes	N/A	N/A

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

Calif. Manifest Counts and Total Tonnage

Top line represents Manifest Count and Bottom line represents Total Tonnage

Year	Generator	Trans. 1	Trans. 2	TSDF	ALT. TSDF
2014	**1** **3.20000**	**0** **0.00000**	**0** **0.00000**	**0** **0.00000**	**0** **0.00000**

Non California Manifest Total Tonnage

No Records Found

Waste Code Matrix					
California	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF
RCRA	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF

Waste Code Matrix as a spreadsheet

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 11/19/2020

California Waste Code by Year Matrix

ID Number: **CAC002767241**
Entity Type: **Generator**

2014 2020 Select Years

Calif. Code	Description	2014
151	ASBESTOS-CONTAINING WASTE	3.20000
	Grand Total	3.20000

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 11/19/2020

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Secretary for
Environmental Protection

Department of Toxic Substances Control
Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsom
Governor

EPA ID PROFILE

Map

ID Number:	CAC002569216	**Status:**	INACTIVE
Name:	HLPUSD TEMPLE ACADEMY	**Inactive Date:**	6/22/2004 2:32:04 PM
County:	LOS ANGELES	**Record Entered:**	8/21/2003 10:49:11 AM
NAICS:	N/A	**Last Updated:**	8/21/2003 10:49:11 AM

	Name	Address	City	State	Zip Code	Phone
Location	HLPUSD TEMPLE ACADEMY	635 CALIFORNIA AVE	LA PUENTE	CA	917440000	
Mailing		PO BOX 60002	CITY OF INDUSTRY	CA	917160002	
Owner	HACIENDA LA PUENTE SCHOOL DIST	PO BOX 60002	CITY OF INDUSTRY	CA	917160002	6269331990

Operator/Contact	SANDRA HOBBS	PO BOX 60002	CITY OF INDUSTRY	CA	917160002	6269331990

Based Only Upon ID Number: **CAC002569216**

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
N/A	N/A	N/A

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

Calif. Manifest Counts and Total Tonnage

No Records Found

Non California Manifest Total Tonnage

No Records Found

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 11/19/2020

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control
Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsom
Governor

EPA ID PROFILE

Map

ID Number:	CAC002343055	**Status:**	INACTIVE
Name:	TEMPLE ACADEMY	**Inactive Date:**	9/11/2001 12:00:00 AM
County:	LOS ANGELES	**Record Entered:**	11/17/2000 12:00:00 AM
NAICS:	N/A	**Last Updated:**	9/11/2001 12:00:00 AM

	Name	Address	City	State	Zip Code	Phone
Location	TEMPLE ACADEMY	635 CALIFORNIA AVE	LA PUENTE	CA	917440000	
Mailing		PO BOX 60002	CITY OF INDUSTRY	CA	917160002	
Owner	HACIENDA LA PUENTE SCHOOL DIST	PO BOX 60002	CITY OF INDUSTRY	CA	917160002	6269331990

Operator/Contact	SANDRA HOBBS	PO BOX 60002	CITY OF INDUSTRY	CA	917160002	6269331990

Based Only Upon ID Number: **CAC002343055**

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
N/A	N/A	N/A

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

Calif. Manifest Counts and Total Tonnage

No Records Found

Non California Manifest Total Tonnage

No Records Found

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 11/19/2020

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control
Meredith Williams, Ph.D., Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsom
Governor

EPA ID PROFILE

Map

ID Number:	CAC002859622	**Status:**	INACTIVE
Name:	TEMPLE ACADEMY	**Inactive Date:**	8/5/2016 3:00:23 AM
County:	LOS ANGELES	**Record Entered:**	5/5/2016 8:36:59 AM
NAICS:	56291	**Last Updated:**	8/5/2016 3:00:23 AM

	Name	Address	City	State	Zip Code	Phone
Location	TEMPLE ACADEMY	635 N CALIFORNIA AVE	LA PUENTE	CA	91744	
Mailing		350 N HACIENDA BLVD	LA PUENTE	CA	91744	
Owner	MARK HANSBERGER	350 N HACIENDA BLVD	LA PUENTE	CA	91744	6269338701

Operator/Contact	MARK HANSBERGER	350 N HACIENDA BLVD	LA PUENTE	CA	91744	6269338701

Based Only Upon ID Number: **CAC002859622**

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
N/A	N/A	N/A

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

Calif. Manifest Counts and Total Tonnage

No Records Found

Non California Manifest Total Tonnage

No Records Found

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 11/19/2020

Corletto, Susana

From: Corletto, Susana
Sent: Thursday, November 19, 2020 1:33 PM
To: records_administrator@lacsd.org
Subject: Public Records Request
Attachments: LACSD Form.pdf

Hello,

This firm is requesting a review of all current and historical files/reports for the address in the attached form.

Please feel free to contact me with any questions or concerns at 310-854-6300. Thank you for your assistance with this information.

Best regards,

Susana Corletto | Project Manager
EFI Global, Inc.
Los Angeles, CA
CELL 310.425.6087
CSLB License #: 885902
www.efiglobal.com | Caring counts®



Covid-19 Note: EFI Global is fully operational and committed to providing essential services during the COVID-19 outbreak as established by applicable guidelines and supporting critical properties related to healthcare, education, defense, hospitality, and telecom industries, as well as private industry, and the property insurance and real estate finance marketplaces. Many of our professional team are working from home offices and are equipped to manage requests for new assignments and to provide comprehensive on-site services. Our national industrial hygiene division continues to develop best practices and site-specific disinfection protocols for clients with direct physical property impacted from Covid-19. ***If you have any needs, please email me or assignaproject@efiglobal.com.***

PUBLIC RECORDS REQUEST FORM

ATTENTION REQUESTOR: To fulfill your request for records, please fill out this form completely, and identify specifically the type of records you are requesting. Requests must reasonably describe identifiable records prepared, owned, used, or retained by the Sanitation Districts.

REQUESTOR INFORMATION

Name: Susana Corletto		Date: 11/19/2020
Company: EFI Global, Inc.		
Mailing Address: 5261 West Imperial Highway		
City: Los Angeles	State: CA	Zip Code: 90045
Phone Number: 310-854-6300	Fax Number (optional):	310-854-0199
Email Address (recommended): susana.corletto@efiglobal.com		

REQUESTED RECORDS

Please clearly describe each requested record or document
*(use additional copies of this form, as necessary)**

In preparation for a Phase I Environmental Site Assessment this firm is requesting all files/records pertaining to below address: 635 North California Avenue, La Puente, California 91744 APN: 8212-011-901 We are requesting all records pertaining to industrial wastewater discharge, clarifiers, and storm water/waste water.		
Time Period of Document Requested	From: Earliest	To: Present

Time Period of Document Requested	From:	To:

Time Period of Document Requested	From:	To:

* *Requests that are not specific and focused will be returned for more information. If requested, the Sanitation Districts will assist you in making focused and effective requests for identifiable records. The Sanitation Districts will not create new documents or records in response to a request.*

Signature of Requestor 

Submit requests by mail, email or fax to:

Records Administrator
County Sanitation Districts of Los Angeles County
P.O. Box 4998
Whittier, CA 90607-4998
records_administrator@lacsd.org
Fax (562) 699-5422

Office Use Only:

Date request received:
Date initial response issued:
Date request was closed:

PUBLIC RECORDS REQUEST FORM

ATTENTION REQUESTOR: To fulfill your request for records, please fill out this form completely, and identify specifically the type of records you are requesting. Requests must reasonably describe identifiable records prepared, owned, used, or retained by the Sanitation Districts.

REQUESTOR INFORMATION

Name: Susana Corletto		Date: 11/19/2020
Company: EFI Global, Inc.		
Mailing Address: 5261 West Imperial Highway		
City: Los Angeles	State: CA	Zip Code: 90045
Phone Number: 310-854-6300	Fax Number (optional):	310-854-0199
Email Address (recommended): susana.corletto@efiglobal.com		

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*(use additional copies of this form, as necessary)**

In preparation for a Phase I Environmental Site Assessment this firm is requesting all files/records pertaining to below address: 635 North California Avenue, La Puente, California 91744 NO RECORD FOUND APN: 8212-011-901 We are requesting all records pertaining to industrial wastewater discharge, clarifiers, and storm water/waste water.		
Time Period of Document Requested	From: Earliest	To: Present

Time Period of Document Requested	From:	To:

Time Period of Document Requested	From:	To:

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Signature of Requestor

Submit requests by mail, email or fax to:

Records Administrator
County Sanitation Districts of Los Angeles County
P.O. Box 4998
Whittier, CA 90607-4998
records_administrator@lacsd.org
Fax (562) 699-5422

Office Use Only:
Date request received:
Date initial response issued:
Date request was closed:

DOC # 1503368
NOV 19 '20 PM2:06

DOC #

Smith L.

SOUTH COAST AQMD

PUBLIC RECORDS REQUEST FORM

Request Information (For Office Use Only)

Date Stored

Time Stored

Public Record Request Nbr

Public Record Request Tracking Nbr
111311

Attention Requestor

Please fill out this form completely. You may include an attachment to the form, if necessary.

Requestor Information

Requestor Name
Susana Corletto (045.05245)

Requestor Address
5261 West Imperial Highway

Requestor Company
EFI Global

Requestor City
LOS ANGELES

Requestor Email*
SUSANA.CORLETTO@EFIGLOBAL.COM

Requestor State
California

Requestor Phone

Requestor Zip Code

Type of Requested Record(s).

REQUESTED RECORDS. **Please be as specific as possible in describing the records you are seeking.** The more specific you are, the easier it will be to determine if such records exist in District files. Please contact the Public Records Unit if you need assistance in identifying District records.
Note: Permits to Operate, Equipment Lists, Notices of Violation, Notices to Comply, and Emissions Summaries are available through SCAQMD's FIND page at http://www3.aqmd.gov/webappl/fim/prog/search.aspx (you need to copy and paste this link into your browser).

Please Enter a description of the records you are requesting here:*
We are requesting any information from your departments pertaining to air emissions, including permits to operate, equipment lists and notices of violation.

Time Period of Documents Requested

Start Date*
1/1/1900

End Date*
11/19/2020

Requested Facility or Site Information (if applicable)

Note: You may only include one Facility or Site per Form.

Facility ID (if known)

Address
635 North California Avenue

Facility Name (if known)

City
La Puente

Zip Code
91744

Requested Application or Permit List. (if applicable)

Please click the Add Button to the right to enter a Application/Permit Number

Authorization Letter Attachment (0)

Authorization Letter

Note: Please use the above button for attaching an Authorization Letter from the facility to release confidential information for your public records request.

Supplemental Attachments (0)

Supplemental Documents

Note: Please use the above button for attaching additional documents that will help define your public records request.

INSTRUCTIONS FOR REQUESTING RECORDS

(California Public Records Act, Govt. Code Sections 6250-6276.48)

1. In order to expedite your request, please fill out the form completely. Requests may also be submitted by phone at (909) 396-3700, by facsimile to (909) 396-3330, or by email to PublicRecordsRequests@aqmd.gov.

2. Requests must be for records prepared, owned, used, or retained by the District (Gov. Code Sec. 6252(e)). Requests should be for clearly identifiable records. The District is not required to create a new record in response to a request. The District will assist the requestor in making a request that describes reasonably identifiable records (Gov. Code Sec. 6253.1). Documents will not be provided if disclosure would infringe upon a copyright, trade secret, or is otherwise exempt in accordance with state law.

3. A search for facility records can only be conducted by one or all of the following:

-- a) Facility Name, Address, or Identification Number

-- b) Facility Application Number, or Permit to Operate Number; or

-- c) Facility Notice of Violation/Notice to Comply Number.

4. You will be notified within ten (10) days whether your request seeks copies of disclosable public records prepared, owned, used, or retained by this agency. In some cases, the District may need an additional 14 days to respond. If so, you will be notified in writing. You will also be provided an estimated date of when the records will be made available.

5. Communications regarding your request, and any records, will be provided by email, unless specified otherwise.

6. If the search for records finds the records voluminous, you will be notified of the approximate number of pages and/or length of time it will take to process your request.

7. If the records you requested have been marked confidential by the source of the record, you will be notified and given the option of continuing with the District's Trade Secret process.

8. If your request is to review records, rather than receive copies, the District will notify you once the records are gathered, and arrangements will be made for your review.

9. The charge for the direct cost of duplication is as follows: Paper Copies, $0.15/page each over 10 pages (first 10 pages are free); Copied CD's or flash drives, no charge; and Copied Audio Tapes, $5.00 each. After a preliminary estimate, advance payment may be required.

10. If the request is for information in an electronic format, the requestor shall bear the cost of producing a copy of the record, including the cost to construct the record and the cost of programming and computer services necessary to produce a copy of the record, when either of the following applies: (1) the District would be required to produce a copy of an electronic record and the record is one that is produced only at otherwise regularly scheduled intervals, or (2) the request would require data compilation, extraction, or programming to produce the record. (Gov. Code Sec. 6253.9(b)). The transfer of gathered electronic records onto CD, DVD or flash drive typically costs $10.00 each. An invoice will accompany your records when completed.

Note: For further information, please refer to the District's Guidelines for Implementing the California Public Records Act. The Guidelines are available in the lobby of the District Headquarters or on the District's web site at www.aqmd.gov.

Note: If you have questions pertaining to the submittal of a Public Records Act request, you may contact the Public Records Unit, (909) 396-3700, Tuesday through Friday, 7:00 a.m. to 5:30 p.m. Our Fax number is (909) 396-3330. Our email address is PublicRecordsRequests@aqmd.gov.

Arellano, Diana

From: LTrapp@aqmd.gov
Sent: Thursday, April 8, 2021 9:27 AM
To: Arellano, Diana
Cc: ob_pr_support_docs@aqmd.gov
Subject: SCAQMD Public Records Request# 1405717, -- Completion Letter
Attachments: ATT00001.tif

Follow Up Flag: Follow up
Flag Status: Flagged

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



Diana Arellano
Efi Global
5261 W Imperial
Los Angeles, Ca 90045

Ref: Request for Records; Control No. **1405717**, Received 4/7/2021
RE: P/O'S, EQL'S, & NOV'S FOR 635 N CALIFORNIA AVE, LA PUENTE, CA, FROM 1/1/1900-4/7/2021.

After a thorough search of this agency's records:

NO REQUESTED RECORDS WERE FOUND FOR THE ABOVE REFERENCED FACILITY OR FACILITY SITE.

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3700, Tuesday through Friday, between the hours of **8:00 a.m.** and **4:30 p.m.**

Sincerely,

Lora Trapp
For Colleen Paine
Public Records Coordinator
Information Management

Corletto, Susana

From: LACoFD <lacountyfire@mycusthelp.net>
Sent: Thursday, November 19, 2020 1:28 PM
To: Corletto, Susana
Subject: HHMD No File Responsive :: H030963-111920

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

RE: PRA of November 19, 2020, Reference # H030963-111920.

Dear ,

The Los Angeles County Fire Department, Health Hazardous Materials Division, being the custodian or keeper of records, certify that a thorough search for the records you requested has been carried out.

Re: 635 N CALIFORNIA AVE
La Puente CA 91744

The search revealed that your noted address did not match our database.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, another name, or may have been destroyed based on this Department's Record Retention Policy. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

For businesses in Burbank, Culver City, Downey, City of LA, La Habra, Monrovia, Pasadena, Santa Monica, Torrance & Underground Storage Tanks in Los Angeles County jurisdiction click here.

Los Angeles County Fire Department

Health Hazardous Materials Division

Site Administrator



Public Works
pw.lacounty.gov

Clean LA for Residents
Clean LA for Business
Clean LA for Government
Clean LA is for ALL
Los Angeles County

Reduce, Reuse, Recycle, Rethink
Trash Collection / Illegal Dumping
Household Hazardous Waste / Electronic Waste
Used Motor Oil Recycling
Industrial Waste
Underground Storage Tanks
Solid Waste
Stormwater
Water Conservation
Youth Education

Online File Review

Industrial Waste / Underground Storage Tanks / Stormwater

Back

You searched the following address:

Street Number: 635 Street Name: CALIFORNIA

Our office does not have any records (related to industrial waste/underground storage tanks/stormwater) for the requested site address.

Please double check the spelling of the street name or search a different address. Both street number and street name must be exact and spelled correctly as they appear for the facility on file. Do not include street direction prefix (i.e. N, S, E, W, etc...) or suffix (i.e. ST, AVE, RD, BLVD, etc...) unless they appear in the street name (i.e. AVENUE K, AVENIDA CESAR CHAVEZ, 10TH ST EAST, CROSSROADS PKWY N, etc...). Do not include any extra spaces after the street number or after the street name.

Back

(http://www.aqmd.gov/)

Facility INformation Detail (F.I.N.D.)

Select Search Type: Find a Facility

Name:

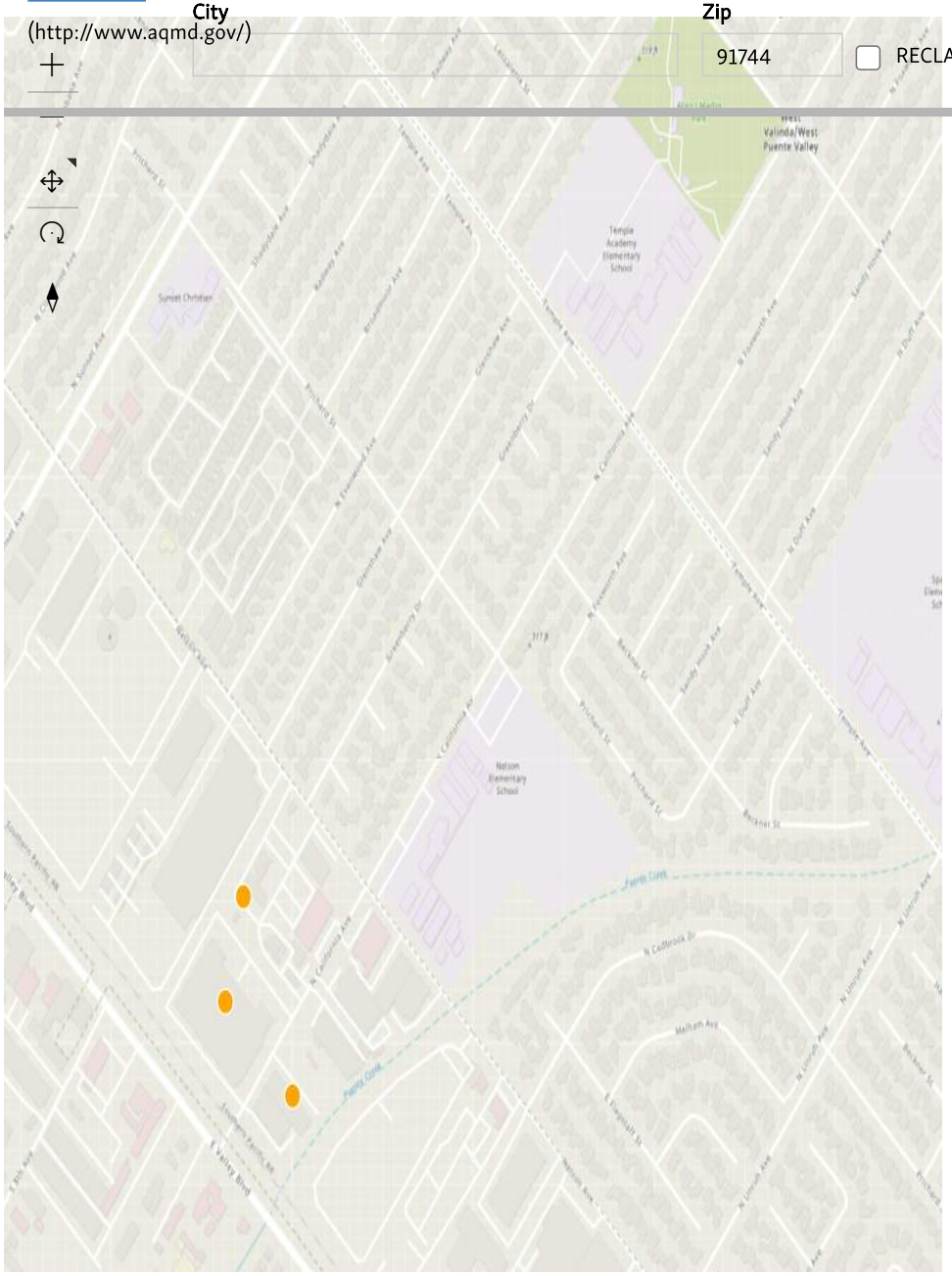
Street: california

City:

Zip: 91744

RECLAIM TITLE V

SEARCH



SEARCH RESULTS

14 Results

Street: california

Zip: 91744

Clear all Filters

Sort: Status

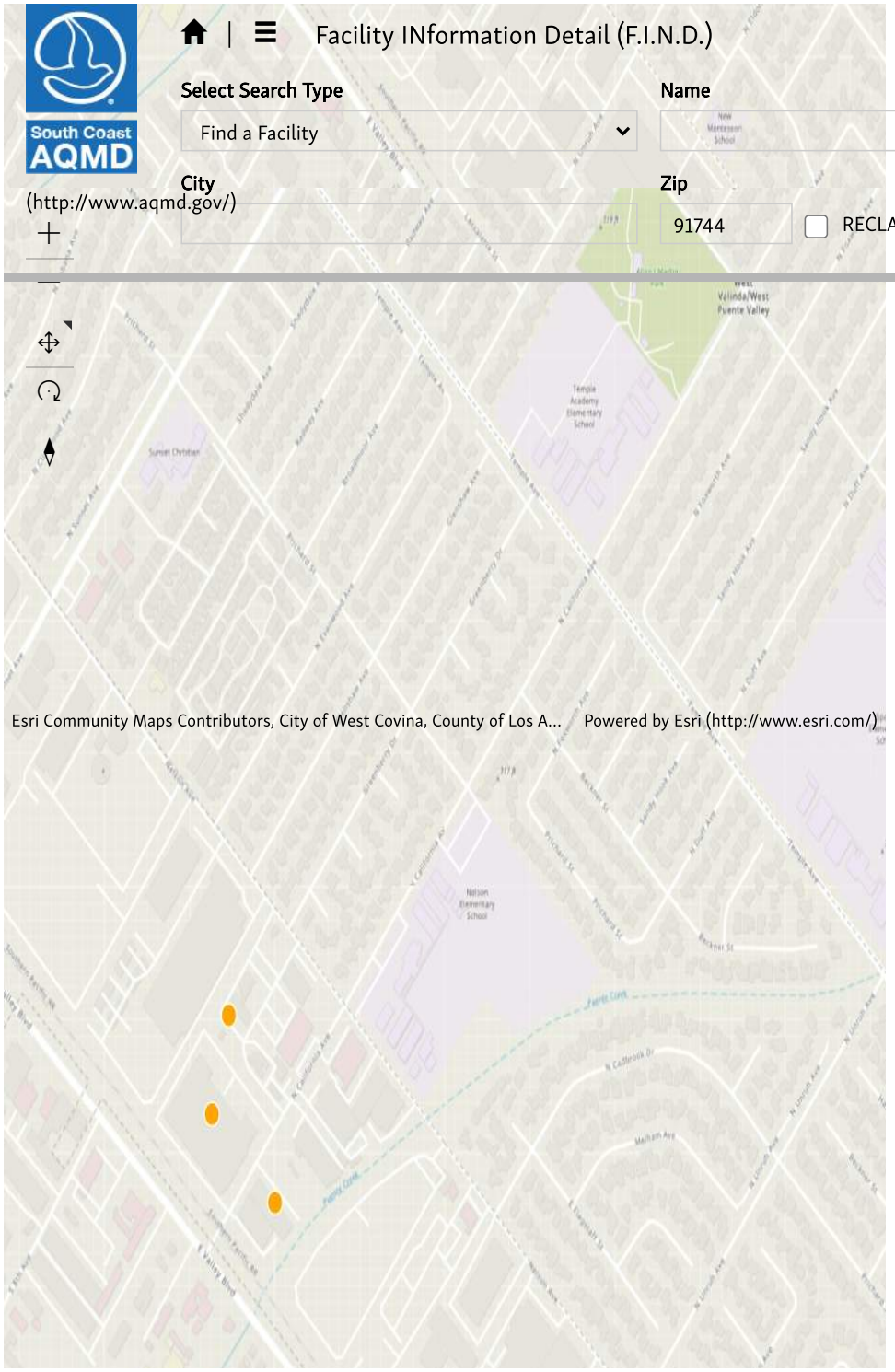
117149 (.allListModal)
Facility Name BARR LUMBER, CHUCK SIMMONS DBA
Facility Address: 127 N CALIFORNIA AVE, CITY OF INDUSTRY, CA 91744
Status: ACTIVE

21107 (.allListModal)
Facility Name MCDOWELL BUS. FORMS
Facility Address: 136 N CALIFORNIA AVE, CITY OF INDUSTRY, CA 91744
Status: ACTIVE

15159 (.allListModal)
Facility Name PUENTE READY MIX INC
Facility Address: 209 N CALIFORNIA AVE, CITY OF INDUSTRY, CA 91744
Status: ACTIVE

27643 (.allListModal)
Facility Name PUENTE READY MIX INC 015159
Facility Address: 209 N CALIFORNIA AVE, CITY OF INDUSTRY, CA 91744

62333 (.allListModal)
Facility Name PUENTE READY MIX, INC 015159



Facility Address: 209 N CALIFORNIA AVE, LA PUENTE, CA 91744

62261 (.allListModal)
Facility Name TEXACO DLR, K. & V. GULESSERIAN
Facility Address: 241 N CALIFORNIA AVE, CITY OF INDUSTRY, CA 91744

152608 (.allListModal)
Facility Name ATKINSON CONSTRUCTION
Facility Address: 138 CALIFORNIA AVE, CITY OF INDUSTRY, CA 91744

38609 (.allListModal)
Facility Name BARR LUMBER CO
Facility Address: 127 N CALIFORNIA AVE, CITY OF INDUSTRY, CA 91744

50419 (.allListModal)
Facility Name M BRO CORP
Facility Address: 212 N CALIFORNIA AVE, CITY OF INDUSTRY, CA 91744

21090 (.allListModal)
Facility Name SOLO ENTER CO
Facility Address: 220 N CALIFORNIA AVE, CITY OF INDUSTRY, CA 91744

Export all records to Excel

(http://www.aqmd.gov/)

Facility INformation Detail (F.I.N.D.)

Select Search Type: Find a Facility

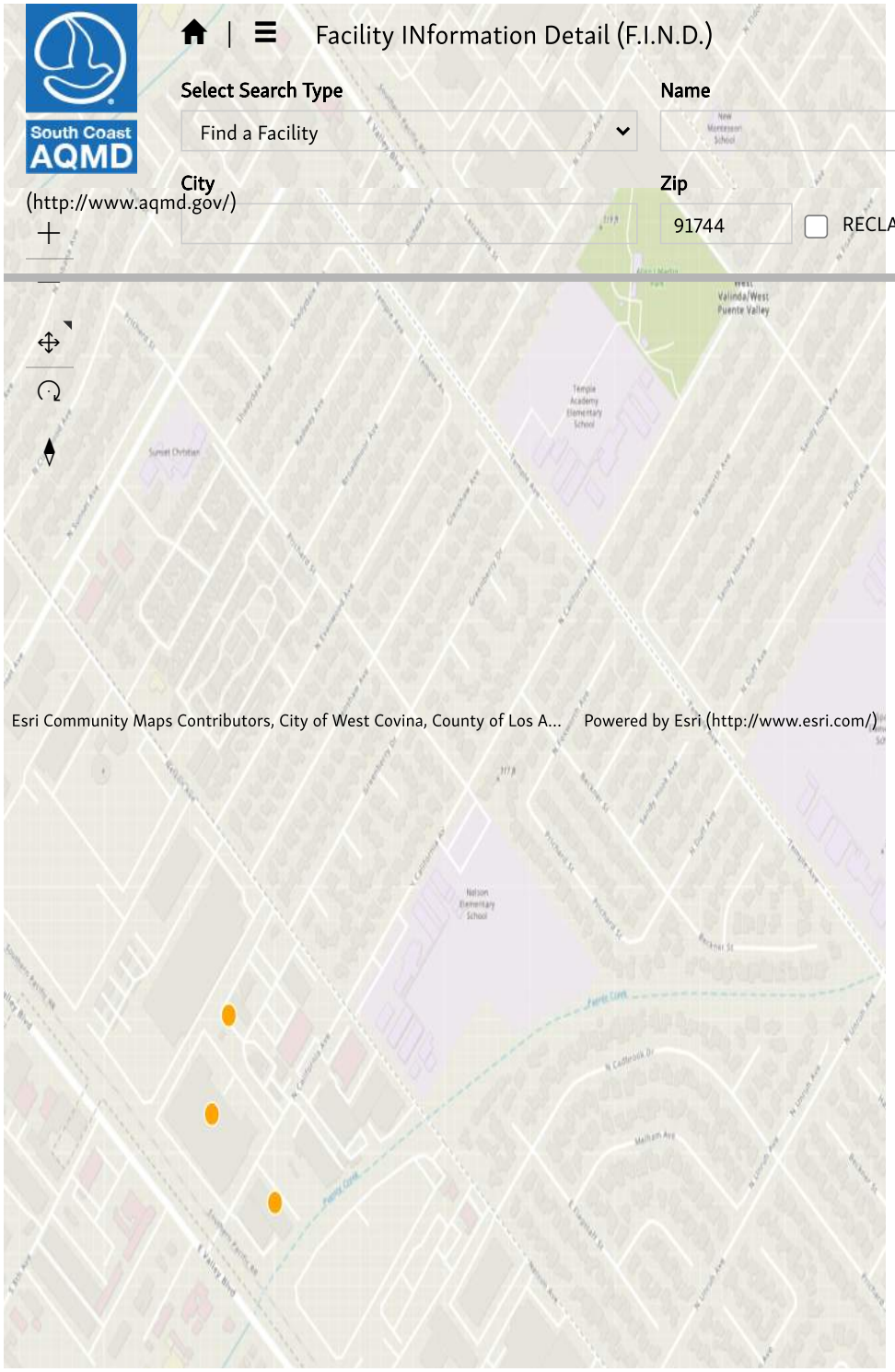
Name:

City:

Zip: 91744

RECLAIM TITLE V

SEARCH



South Coast Air Quality Management District
Street
21865 Copley Dr, Diamond Bar, CA 91765
909-396-2000

Careers (http://www.aqmd.gov/careers)

Accessibility (http://www.aqmd.gov/accessibility)

Sitemap (http://www.aqmd.gov/nav/contact/sitemap)

Privacy Policy (http://www.aqmd.gov/privacy)

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Questions/Need Info? (mailto:webinquiry@aqmd.gov) | Report Website Problem (mailto:webeditor@aqmd.gov)

Arellano, Diana

From: Christian Garcia <CHGARCIA@dpw.lacounty.gov>
Sent: Monday, April 5, 2021 10:31 AM
To: Arellano, Diana
Subject: 635 N. California

Follow Up Flag: Follow up
Flag Status: Flagged

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning,
There is no records on file for this location.
Regards,
Christian L Garcia

Get Outlook for iOS

San Gabriel Basin Water Quality Authority

1720 W. Cameron Avenue, Suite 100, West Covina, CA 91790 • 626-338-5555 • Fax 626-338-5775

San Gabriel Basin Groundwater Quality Management and Remediation Plan "§406 Plan"

March 18, 2020

Jorge Marquez, Chairman · **Bob Kuhn**, Vice-Chairman · **Mark Paulson**, Treasurer · **Valerie Munoz**, Secretary
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VOLUME I

LIST OF TERMS AND ACRONYMS

§406	San Gabriel Basin Groundwater Quality Management and Remediation Plan
ACT	The California Safe Drinking Water Act (Health & Safety Code §§ 116275 *et seq.*)
ARARs	Applicable or Relevant and Appropriate Requirements
ARMWC	Adams Ranch Mutual Water Company
Basin	Main San Gabriel Basin
Basin Plan	LARWQCB Los Angeles Basin Plan
BATT	Best Available Treatment Technology
BPOU	Baldwin Park Operable Unit
CD	Consent Decree
CDWC	California Domestic Water Company
CEM	City of El Monte
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CrVI	Chromium VI
CMP	City of Monterey Park
CPUC	California Public Utilities Commission
DAC	Disadvantaged Community
DDW	State Water Resources Control Board - Division of Drinking Water (prior 2014 known as California Department of Public Health)
DTSC	Department of Toxic Substances Control
DWR	Department of Water Resources
EC	Emergent Chemicals
EMOU	El Monte Operable Unit
ESD	Explanation of Significant Differences
ESPSD	East Side Performing Settling Defendants
General Permit	LARWQCB Issued General NPDES Permit No.

GSWC	Golden State Water Company
IROD	Interim Record of Decision
IRWMP	Integrated Regional Water Management Plan
LACFCD	Los Angeles County Flood Control District
LARWQCB	Los Angeles Regional Water Quality Control Board
LPVCWD	La Puente Valley County Water District
MCL	Maximum Contaminant Level
MHI	Statewide Median Household Income
MSGBW	Main San Gabriel Basin Watermaster
NCP	National Oil and Hazardous Substances Pollution Contingency Plan (aka: National Contingency Plan)
NDMA	N-Nitrosodimethylamine
NL	Notification Level
Northrop	Northrop Grumman Systems Corporation
NPDES	National Pollutant Discharge Elimination System
OAL	Office of Administrative Law
NPL	National Priorities List
OEHHA	Office of Environmental Health Hazard Assessment
OU	Operable Unit
Process Memo 97-005	State Water Resources Control Board – Division of Drinking Water Process Memo 97-005
PRPs	Potentially Responsible Parties
PVOU	Puente Valley Operable Unit
PVOUSC	Puente Valley Operable Unit Steering Committee
QSA	Quantification Settlement Agreement
Restoration Fund	San Gabriel Basin Restoration Fund
RI/FS	Remedial Investigation Feasibility Study
ROD	Record of Decision
SA1	Baldwin Park Operable Unit Subarea 1
SEMOU	South El Monte Operable Unit

SGVMWD	San Gabriel Valley Municipal Water District
SGVWC	San Gabriel Valley Water Company
SEMOU Barrier	South El Monte Shallow Extraction Barrier
SWP	State Water Project
SWRCB	State Water Resources Control Board
SWS	Suburban Water Systems
TCP	1,2,3-Trichloropropane
TDS	Total Disolved Solids
TVMWD	Three Valleys Municipal Water District
Title XVI	San Gabriel Basin Demonstration Project
USBR	United States Bureau of Reclamation
USEPA	The United States Environmental Protection Agency
USGVMWD	Upper San Gabriel Valley Municipal Water District
UTC	United Technologies Corporation
UWMP	Urban Water Management Plan
VCWD	Valley County Water District
VOC	Volatile Organic Compound
WSGRF	Whitmore Street Groundwater Remediation Facility
WQA	Water Quality Authority
WQA Act	San Gabriel Basin Water Quality Authority's Enabling Act SB1679 (Statutes of 1992, Chapter 776), as amended
WSPSD	West Side Performing Settling Defendants

Summary:

As in previous years, the San Gabriel Basin Water Quality Authority ("WQA") is revising its San Gabriel Basin Groundwater Quality Management and Remediation Plan ("§406 Plan"). The §406 Plan, which is required by this agency's enabling act ("WQA Act"), Statutes 1992, Chapter 776 (West's California Water Code Appendix, §134-101 et seq.), as amended by Chapter 370 of the Statutes of 2019, promotes improvement of groundwater quality in the San Gabriel Basin ("Basin") by setting forth: (1) a general process under which this plan shall be developed and implemented; (2) remedial goals; and (3) a restatement of existing regulatory authority governing cleanup within the Basin in addition to requirements of the United States Environmental Protection Agency ("USEPA"). Additionally, elements of the §406 Plan fit into a framework of overarching remedial principals and sets forth specific projects proposed to be facilitated by the WQA or by others within the Basin.

Date:

This §406 Plan is effective March 18, 2020.

Address:

Supporting materials are available for viewing at WQA offices, located at 1720 W. Cameron Avenue, Suite 100, West Covina, CA 91790. WQA offices are open from 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding recognized holidays. It is recommended that an appointment be made to review these materials by calling (626) 338-5555.

General Information:

For general information, WQA may be contacted at (626) 338-5555 between the hours of 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding recognized holidays. Various materials may also be viewed at www.wqa.com.

I. Legal Authority

This §406 Plan is developed and adopted under the authority of the WQA Act. §406 of the WQA Act requires the WQA to "develop and adopt a basinwide groundwater quality management and remediation plan" that is consistent with the USEPA's National Contingency Plan ("NCP") and applicable Records of Decision ("ROD"), and all requirements of the Los Angeles Regional Water Quality Control Board ("LARWQCB"). According to the WQA Act, the §406 Plan must include:

1) Characterization of Basin contamination;
2) A comprehensive cleanup plan;
3) Strategies for financing the design, construction, operation and maintenance of groundwater cleanup facilities;
4) Provision for a public information and involvement program; and
5) Coordination of activities with federal, state, and local entities.

Furthermore, §406 requires WQA to, on an annual basis, incorporate a status report on activities undertaken by the WQA pursuant to the §406 Plan. The status report must also include:

1) An overview of groundwater contamination in the San Gabriel Basin;
2) Goals for the basin groundwater;
3) Coordination with other agencies;
4) Public outreach and information;
5) Funding from potentially responsible parties and other sources;
6) Status of non-operable unit specific plans;
7) For each operable unit:
    a. Treatment and remediation plans;
    b. Description of contamination plan;
    c. Costs incurred ;
    d. Beneficial uses of recovered water; and

e. Projected activities for the next reporting period.

8) A description of the manner in which projects are prioritized and selected for funding and the manner in which contractors are selected, including identification of projects in disadvantaged communities and those which further human right to water; and
9) Criteria used to quantitatively evaluate projects for effectiveness.

In support of the §406 Plan, the WQA shall adopt an annual fiscal year budget (July 1 through June 30) which shall include all projects (actual or planned) that WQA is facilitating through its participation during that time period. The budget shall identify various funding sources and combinations thereof to ensure that full funding for each project (capital and/or O&M) can be achieved.

II. Policy Statement for Year 2020

The WQA general policy statement is the foundation of the §406 Plan. Therefore, the first steps in revising the §406 Plan are to review the past year's activities and to identify successes as well as challenges and obstacles that may have delayed or hindered cleanup progress. Using that information as a basis, WQA can apply current conditions and determine WQA's direction for the coming year.

WQA continues to engage and participate with regulatory agencies USEPA, State Water Resources Control Board – Division of Drinking Water ("DDW"), Los Angeles County Flood Control District ("LACFCD"), LARWQCB and the Department of Toxic Substances Control ("DTSC") to facilitate solutions in many areas of the Basin. For example, a long-standing impediment to groundwater cleanup was removed recently as WQA was successful in its efforts to secure a general temporary discharge permit to facilitate the construction and testing of new extraction wells and treatment facilities in the Basin. The approval of the permit was the culmination of years of cooperative discussions with these agencies and served as a demonstration of an effective policy that should continue.

Additionally the LARWQCB approved a new MS4 permit that provides greater flexibility for city permittees to meet their obligations. The new permit could also benefit

water purveyors with treatment facilities that require temporary discharges and WQA will continue to facilitate long-term solutions in this area.

POLICY STATEMENT 2020

The WQA was created and authorized by the State Legislature to address the critical need for coordinated and accelerated groundwater cleanup programs in the Basin.

The WQA is committed: 1) to protecting public health and safety; 2) to prioritizing, facilitating, and coordinating groundwater cleanup/supply programs with local water providers, DDW, LARWQCB, LACFCD, DTSC and USEPA; and 3) to minimizing local financial and economic impacts, including impacts on local groundwater consumers.

The WQA recognizes that groundwater contamination issues in the Basin are complex and that the USEPA Superfund response alone may not adequately address the environmental, regulatory and financial issues that affect the one million residents and the many thousands of businesses who rely primarily on the Basin for potable water.

In addition, the WQA recognizes the critical nature of developing strategies that ensure the Basin's long-term reliability while reducing our reliance on imported water and enhancing the Basin's potential to meet regional strategic groundwater storage demands.

In order to effectively coordinate the local water supply needs with cleanup, containment, reliability and storage goals, the WQA will promote and participate in technical, financial and regional partnerships, including partnerships with responsible parties, wherever possible. Where partnerships with responsible parties cannot be voluntarily formed, WQA will seek ways to move forward and implement the necessary groundwater cleanup projects and will consider all options to require financial participation from those responsible for the contamination.

Recent court cases and severe drought have contributed to a significant reduction of replenishment water available from MWD. Due to the fragility of the Delta water system, the WQA should continue to promote the Basin as a strategic regional groundwater storage solution for supply reliability and the vital role it could play if all imported supplies were suspended to the region by either a natural disaster or institutional decisions. When viewed from this perspective, the Basin's viability as part

of the region-wide strategic water supply plan rests on the ability to move cleanup forward and assure its completion.

The WQA will continue to pro-actively address the growing problems of emerging chemicals ("EC"), such as 1,4-Dioxane, 1,2,3-Trichloropropane ("TCP") and Chromium VI ("CrVI") and the impact they have on the overall cleanup goals of the WQA.

In 2015, the Office of Environmental Health Hazard Assessment ("OEHHA") lowered the Public Health Goal for perchlorate to 1 ppb, and in 2017 DDW began the process of re-evaluating the current 6 ppb MCL for perchlorate by studying the feasibility of lowering the laboratory reporting limit for perchlorate to 1 ppb. Should DDW ultimately decide to lower the MCL as well additional perchlorate treatment will be required in the Basin. While the USEPA has announced that they will establish a federal MCL their process is not expected to be completed prior to DDW's process. USEPA would most likely target an MCL close to the 1 ppb that was suggested by their draft risk assessment released in 2002.

On July 1, 2014 an MCL of 10 ppb for CrVI became effective as the only CrVI drinking water standard in the country. In 2015, SB385 was passed by the legislature to establish compliance timeframes and assist water purveyors to come into compliance with the new regulation. However, in May 2017 the Superior Court of Sacramento County invalided the MCL noting that the "state failed to properly consider the economic feasibility of complying with the MCL." As a result, DDW has embarked on creating a new CrVI regulation that is expected to take between 18 and 24 months to complete.

On December 14, 2017 an MCL of 5 ppt for 1,2,3-TCP became effective. A Notification Level of 5 ppt existed previously and several wells in the Basin already have treatment in place for this contaminant.

WQA will continue to coordinate activities while reviewing the potential impact of these regulatory standards on current and planned treatment projects throughout the Basin.

The WQA will continue to address orphan sites such as the shallow 1,4-Dioxane plume in the SEMOU. WQA operates and maintains the Whitmore Street Groundwater Remediation Facility to contain the 1,4-Dioxane contamination that threatens to further degrade downgradient water supply wells and increase the cost of cleanup to residents.

The WQA will continue to coordinate with regulatory agencies to implement long-term funding solutions.

While cleanup costs have grown, so have requests and competition for federal and state funding (primarily due to nationwide perchlorate problems). At the same time, local groundwater providers continue to face growing ambiguity and sometimes conflicting federal and state requirements. WQA will continue to assist water entities access state and federal funding.

The Policy Statement will become effective with the adoption of this document and will remain in effect until institutional, environmental or other changes necessitate a revision of the Policy Statement.

III. Background Information

A. Overview of the Groundwater Contamination

The San Gabriel Valley's groundwater Basin has the dubious distinction of being one of the most contaminated in the nation. The Basin's groundwater is contaminated from the ground disposal—dating back to World War II— of volatile organic compounds used primarily as solvents in industrial and commercial activities.

The seriousness of the groundwater contamination problem became evident when high concentrations of volatile organic compounds ("VOCs") were discovered in Azusa in 1979 near a major industrial complex. Over the next four years, further investigation revealed widespread VOC contamination significantly impacting the Basin. This discovery led USEPA to place four portions of the Basin on the National Priorities List ("NPL") under authority of Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA"), also known as the Superfund program. These areas are referred to as Operable Units ("OUs") under CERCLA. Currently, there are six active OUs: Baldwin Park, El Monte, South El Monte, Puente Valley, Area 3 and Whittier Narrows.

Unfortunately, in 1997, newly detected contaminants, perchlorate and N-Nitrosodimethylamine ("NDMA") liquid/solid rocket fuel, complicated and delayed progress of cleanup activities. Most notably affected was the Baldwin Park Operable

Unit (“BPOU”) which has the largest geographical area in the San Gabriel Valley. This led USEPA, state and local agencies to conduct further investigation of the sources and treatment technologies available for remediating groundwater for potable use.

In prior years, several VOC treatment/supply projects were expanded at significant costs to treat perchlorate and other emerging compounds. More recently, many of these multiple treatment train projects were further burdened with increased levels of VOCs. As a result, additional VOC treatment, also known as a secondary barrier, was needed to meet DDW permitting requirements under their Technical Memorandum 97-005. While the additional treatment is necessary, each step has incrementally increased the costs of capital construction and operations and maintenance resulting in an overall project cost 4 to 5 times the original VOC treatment/supply project.

Beginning in the mid-2000’s Basin cleanup became impacted in terms of delayed construction and increased costs by the growing concern for the surface water quality in southern California. As environment groups filed subsequent lawsuits against the LACFCD, the County in turn withdrew treatment facility access to many of its flood control channels by the water purveyors. The channels are used temporarily during start-up and testing procedures of treatment facilities.

While some significant projects remain, the overall cleanup focus in the Basin is shifting from one of capital construction to one of treatment and remediation. However, even in the Treatment & Remediation phase projects may still require capital improvements dictated by new technology and new regulations. With cleanup projects spanning multiple decades it makes sense in a lot of situations to install newer technology when cost estimates can demonstrate a significant cost-savings over the life of the project. A similar capital expense may be necessary when new regulations, such as the establishment of a new MCL for an existing contaminant or the discovery and regulation of a new contaminant, make it necessary to add treatment equipment to the existing facilities.

B. Overview of WQA Authority

The WQA was formed by special act of the California Legislature (Senate Bill 1679, Russell). The WQA Act gives WQA authority, *inter alia*, to plan for and to coordinate among several agencies with authority affecting cleanup of the Basin. §406 of the WQA Act requires WQA to develop and adopt a basinwide groundwater quality management and remediation plan. §406 further requires the plan to provide for: (1) a characterization of the Basin's contamination; (2) the development and implementation of a comprehensive Basin cleanup plan; (3) the financing of the design, construction, operation, and maintenance of groundwater cleanup facilities; (4) provisions for a public information and participation program; (5) the coordination with federal, state and local entities, including WQA member agencies; and (6) the maintaining of consistency with the NCP, any applicable USEPA RODs, all LARWQCB requirements, and all applicable cleanup agreements with federal, state and local agencies. The §406 Plan has to be developed with an eye toward the statutory requirement that "the basinwide plan shall consider the benefits to be achieved by the plan or any proposed project in relation to its economic impact on persons or entities within the boundaries of the authority."

C. History of WQA Planning

As required by §406, WQA first adopted the §406 Plan in June of 1993. This plan identified a mission and eight goals and served as the guiding principles over the next six years of early action projects to remove and contain contamination (well ahead of the Superfund-mandated process) and to characterize the extent and movement of contamination.

Once the data, necessary to design and construct projects on a regional basis, was available, including information on the extent and movement of groundwater contamination, the WQA officially adopted the first amended §406 Plan on March 6, 2000. Since that time, the WQA, using the §406 Plan as its implementation guide, facilitated the design and/or construction of several treatment facilities described within the §406 Plan. A listing of WQA's major activities and milestones can be found in Table 1.

As in previous years, the WQA will continue to assist USEPA with its response efforts by engaging the authority of other agencies. Section 102(b) of the WQA Act declares legislative intent directing the WQA to coordinate among state and federal government agencies to plan and implement groundwater cleanup. The Remedial Standards (Section V.B) established by the §406 Plan (as required by Section 406 of the WQA Act) incorporate rules, regulations and standards previously adopted by other agencies of the State of California. The Remedial Standards harmonize and coordinate the requirements of the Main San Gabriel Basin Watermaster ("MSGBW"), the SWRCB, the LARWQCB, and the DDW. One purpose of the Remedial Standards is to help integrate groundwater cleanup objectives with water supply objectives, according to the legislative intent directive set forth in Section 102(a) of the WQA Act.

The USEPA has recognized some of these Remedial Standards as applicable or relevant and appropriate requirements ("ARARs"). Federal Superfund Law requires parties responsible for pollution to comply with ARARs in the process of carrying out federal cleanup orders. ARARs include any State standard that is (1) more stringent than any Federal requirement, (2) validly promulgated, (3) either "applicable" or "relevant and appropriate" and has been identified by the State to the USEPA. Due in part to the efforts of the WQA, the USEPA's Unilateral Administrative Order (No. 2003-17) for remedial design and remedial action in the SEMOU of the San Gabriel Valley Superfund Sites, issued on August 28, 2003, (1) encourages the parties identified as responsible for the pollution to integrate their cleanup obligations with water supply projects that exist or are under development and (2) directs compliance with ARARs, such as meeting water quality standards for potable water service established by DDW and/or for discharge of the product water established by the LARWQCB.

IV. Goals of the WQA §406 Plan

Originally, WQA's goals were developed as a result of discussions with federal, state and local agencies, various stakeholders, and comments heard at public workshops and hearings. Each year, the goals are re-evaluated to determine applicability and whether any additional goals should be added. While these goals have

remained unchanged, WQA has expanded the descriptions under the four goals to further validate WQA's focus. The four goals are:

- Accelerate Removal of Contaminant Mass in the Basin;
- Prevent Migration of Contamination into Critical Groundwater Supplies;
- Integrate Cleanup with Water Supply; and
- Minimize Economic Impact to the Public.

In the following sections, each of the four goals are described in more detail.

A. Accelerate Removal of Contaminant Mass in the Basin

In recent years, it has become increasingly apparent that cleanup actions, implemented earlier than CERCLA provides, are needed to address the immediate threats to the local water supplies. The goal of accelerating the removal of contaminant mass is fulfilled primarily by engaging the regulatory processes of other agencies of the State, and, wherever possible, prompting the implementation of activities ahead of the time required under the applicable regulatory process.

In the past, the WQA identified and focused its accelerated removal activities on projects that could immediately be implemented to remove contaminant mass. In more recent years, the focus has changed due to the ever-growing list of impacted water supply wells. This widespread impact has necessitated the early implementation of several treatment facilities by water purveyors, individually and jointly with the WQA and/or other agencies well ahead of the mandate from regulatory agencies.

With the rapid migration of contamination towards critical water supplies, the WQA now primarily focuses on projects that will accelerate and advance cleanup activities while providing a clean water supply or protecting a nearby water source.

More of these types of early actions are necessary to either (1) remove contaminant mass to immediately prevent further degradation of downgradient aquifers, (2) contain the spread of contamination to protect critical water supplies, (3) restore critical water supplies, or (4) combine the aforementioned.

Although early actions are implemented before a regulatory mandate, there has and will continue to be extensive coordination with USEPA, DTSC, DDW and the LARWQCB to link the early action to the eventual mandate. By working closely with USEPA, the WQA and other local stakeholders can affect USEPA's decision-making and identify certain high priority cleanup projects that are consistent with USEPA's objectives. Although USEPA cannot formally endorse and mandate cleanup until a rigorous process is completed, WQA can facilitate and assist in the implementation of the required action well before the mandate. Several crisis situations exist within the Basin that demand this type of immediate action as described in Appendix A. Waiting on mandated actions have already had severe impacts in many parts of the Basin.

B. Prevent Migration of Contamination into Critical Groundwater Supplies

In many parts of the Basin, the contamination continues to spread towards, and threaten groundwater supply wells. Given that so many supply wells have already been shut down, the current situation continues to represent a significant threat to the Basin's water supply. Therefore, priority must be given to implementing cleanup projects that will prevent the loss of water supplies. In order to meet this goal, contaminant migration controls must be implemented quickly so that constituents will be prevented from entering clean supplies. Further, this action must also prevent constituents from entering supplies with existing treatment not built or suited to treat the threatening contaminant(s). The goal to contain the contamination is supported with actions that specifically address threats to groundwater pumping centers. Loss of major production centers will continue to impair the water supply unless these types of threats are immediately addressed in a cleanup plan. In furtherance of this goal WQA has allocated funding to assist purveyors in discrete well destruction activities to ensure that non-producing wells do not act as a conduit for contaminant migration

The MSGBW has existing rules and regulations which govern the location and production of water wells for water quality purposes. The WQA under this §406 Plan will work with the MSGBW and its existing rules and regulations to help contain and control the migration of contaminants within the Basin.

C. INTEGRATE CLEANUP WITH WATER SUPPLY

With so much of the state and local water supply impaired, it is essential that water treated from the cleanup projects be put to its highest and best use. Putting the treated water back into the supply system will serve to enhance the overall water supply situation in the Basin and help many water purveyors mitigate the threat to their water supply. The desired objectives can be achieved by maximizing the use of existing facilities that have either been shut down or have been impaired. When new facilities are needed, these should be integrated into the supply of the appropriate water purveyor.

If cleanup facilities are built without the consideration of the local supply, then many water purveyors will be forced to build redundant treatment facilities on impaired wells or import increasingly scarce surface supplies from other areas. Currently, water purveyors only use treated surface water sources when they are readily available or when groundwater sources become impaired or unavailable; otherwise the predominant source of supply is from the local groundwater.

Although cleanup projects that put treated water to beneficial use will provide localized benefits, there are, of course, broad benefits that impact the regional water supply situation in California. The necessity to develop new sources and to fully utilize existing sources is very evident in court decisions within the State and the Colorado River Watershed. For example, the 2003 Quantification Settlement Agreement ("QSA") between the United States Department of the Interior and Southern California Colorado River users restricts the State's withdrawal of Colorado River water to its original allotment of 4.4 million acre-ft per year in non-surplus years. In addition, the dependability of the State Water Project ("SWP") is decreasing as a result of a lack of storage facilities. Furthermore, in 2007, United States District Court Judge Oliver Wanger ordered that the California Department of Water Resources and the United

States Bureau of Reclamation ("USBR") must reduce pumping from the Sacramento Delta in order enhance the Delta Smelt population. This decision and his subsequent decisions have the effect of significantly reducing SWP availability. Now more than ever, it is critical to protect and develop the groundwater resources so that both groundwater and surface waters of the State can be managed more effectively. Critical to this statewide need is the full utilization and restoration of the Basin groundwater.

The Los Angeles County Superior Court has Constitutional authority, through its continuing jurisdiction under the Judgment in the case of *Upper San Gabriel Valley Municipal Water District v. City of Alhambra*, LACSC 924128, to promote the beneficial use of water and to prevent the waste of water in the Basin. Through the Court's continuing jurisdiction under the Judgment, the MSGBW has adopted rules and regulations governing the location and production of water wells for water quality purposes. The LARWQCB has Constitutional, statutory and regulatory authority to regulate discharges to waters of the State, to promote the beneficial use of water, and to prevent the waste of water. DDW has statutory and regulatory authority to set and enforce standards for public drinking water systems, including acceptable water treatment processes. The WQA intends to engage the existing rules, regulations and standards of these agencies of the State to coordinate and promote the reasonable and beneficial use of water produced and treated under mandate from the USEPA. The WQA recognizes that a number of voluntary or consensual arrangements ultimately will be required to implement the objective to integrate water cleanup operations and water supply operations in the Basin. In addition to engaging existing regulatory authority held by other agencies, WQA intends to encourage the needed voluntary or consensual arrangements through the exercise of authority under the WQA Act, including its authority to seek recovery of WQA's costs to respond to and cleanup groundwater contamination in the Basin.

D. MINIMIZE ECONOMIC IMPACT TO THE PUBLIC

The issue of who pays for the cleanup is often the biggest obstacle in initiating the necessary cleanup programs. Although PRPs may be held completely liable for the costs of a response action under the CERCLA mandate, actions normally do not occur

until a lengthy process is completed. Equally detrimental to the water supply crisis is the fact that there is no assurance that the immediate water supply concerns will be addressed under CERCLA. Therefore, many water purveyors may still need to construct and bear the expense of operating their own treatment facilities or look for alternative supplies at their own expense even after the PRPs fulfill their obligation under CERCLA.

Adding to the economic complexity of the situation is the fact that USEPA conducts its own detailed financial evaluation of PRPs and may settle for a reduced amount. And even then, many businesses cannot fully absorb the financial liability without detrimentally impacting their businesses. In the meantime, the spread of contamination continues to impact more water supply sources and, by extension, the basic reliability of plentiful water to support the economic basis and vitality of the Basin. To address this goal, WQA has pursued and continues to aggressively pursue sources of funding from responsible parties and the federal/state government. Despite these efforts, organizations like WQA and some of the local water purveyors have had to pool their own resources to immediately initiate many of the required response actions. This has required a financial commitment on behalf of the local public (at least initially). Early actions financed outside of the CERCLA process have been necessary to assure that many of the critical projects are implemented quickly. In addition, cleanup projects such as those prescribed by WQA are designed from a local perspective to address groundwater cleanup in conjunction with the water supply. However, costs borne by the public for this effort would have to be absorbed or recovered through litigation.

To accommodate potentially conflicting goals between accelerating cleanup and minimizing impact to water rate payers, WQA has identified high priority response actions that can be implemented ahead of USEPA's mandate using available financial resources, including federal reimbursement funding, and in some cases, financial participation from PRPs. If a required project lacks sufficient funding, a commitment by the affected water purveyors and/or WQA through its assessment, along with other potential local sources, will be required. Where WQA is required to use its own assessment to quickly assist in the development of a project, WQA will always consider cost recovery actions to minimize costs borne by the public. To that end, WQA has filed

two cost recovery actions and may be considering other cost recovery actions against those responsible entities that chose not to participate in the sponsored early remedial actions.

V. §406 Plan

A. Definitions

1. This §406 Plan incorporates by reference the definitions of “facility,” “hazardous substance,” “national contingency plan,” and “person”. The terms “remedial action,” or “remedy,” or “cleanup,” or “remediation,” are used interchangeably herein. Additionally, such terms are intended to be encompassed by the definitions of “remove”, “removal,” “remedy,” “remedial action,” “respond,” or “response,” as appropriate and as those terms are defined in Title 42 (CERCLA) of the United States Code, § 9601, as amended.

2. This §406 Plan incorporates by reference Title 42 of the United States Code, §9607 (a), as amended, the class of persons who are PRPs for the cleanup of hazardous substances.

B. Remedial Standards

The WQA has identified certain appropriate rules, regulations and standards for the management of Basin remedial actions from among the rules, regulations and standards promulgated by the MSGBW, LARWQCB and DDW. The rules, regulations and standards specified below are incorporated by reference in this §406 Plan and adopted as the Remedial Standards of the WQA.

These Remedial Standards, and the underlying existing rules, regulations and standards of the MSGBW, LARWQCB and DDW are additional requirements of the State which are ARARs to remedial actions ordered by the USEPA in the Basin. (See Appendix C-2).

The WQA will engage the existing procedures of the MSGBW, LARWQCB and DDW to implement the following Remedial Standards so that all remedial actions affecting Basin groundwater shall be conducted accordingly.

1. MSGBW SECTION 28

In furtherance of two objectives of this §406 Plan to prevent migration of contamination into critical groundwater supplies and to integrate cleanup activities with water supply operations, production of Basin water for remedial action purposes shall be carried out in conformance with Section 28 of the Rules and Regulations adopted by the MSGBW under authority of the Amended Judgment in *Upper San Gabriel Valley Municipal Water District vs. City of Alhambra,* Los Angeles County Superior Court Case No. 924128. (See Appendix D-1). Under this Remedial Standard water wells used for remedial action purposes shall be located, with the approval of the MSGBW, both to prevent migration of contaminated groundwater and to best integrate the water produced for remedial action with water supply operations in the Basin. If necessary, WQA will engage the existing implementation and enforcement procedures of the MSGBW to carry out this Remedial Standard. Section 28 of the MSGBW Rules and Regulations is attached as Appendix D-1 and incorporated herein.

2. LARWQCB DISCHARGE REQUIREMENTS

In furtherance of an objective of this §406 Plan to integrate cleanup activities with water supply operations, disposal of Basin water produced for remedial action purposes shall be carried out in conformance with discharge requirements issued by the LARWQCB and, if necessary, approved by the SWRCB. (See Appendix D-2). Under this Remedial Standard, Basin water produced and treated for remedial action purposes shall not be wasted and such water shall be put to the greatest reasonable and beneficial use of which it is capable. Conversely, the waste and unreasonable use or unreasonable method of use of such waters shall be prohibited. Additionally, under this Remedial Standard, Basin water produced and treated for remedial action purposes shall not be discharged to the environment except in conformance with discharge requirements issued by the LARWQCB.

The SWRCB and the LARWQCB are both subject to the requirements of the California State Constitution and California Water Code § 100 *et seq.* to promote the greatest reasonable and beneficial uses of the waters of the State and to prevent the waste and unreasonable use and unreasonable method of use of those waters.

SWRCB's express statutory authority to prevent the waste and unreasonable use of water is set forth in Water Code § 275 which provides as follows:

> "*The department and board shall take all appropriate proceedings or actions before executive, legislative, or judicial agencies to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of water in this state"*

The LARWQCB exists, pursuant to Water Code §§ 13200-13201, as a branch of the SWRCB. The LARWQCB exercises its authority to regulate discharges to promote the beneficial use of water and prevent waste through the issuance of waste discharge requirements. Waste discharge requirements are predicated upon the water quality control plan ("Basin Plan") that each regional board is required to promulgate according to Water Code § 13241. Water Code § 13263(a) requires each regional board to issue discharge permits in conformity with its adopted Basin Plan.

Discharge requirements issued by the LARWQCB must be conditioned, taking into consideration the beneficial use of water, pursuant to Water Code § 13263(a), as follows:

> "*The regional board, after any necessary hearing, shall prescribe requirements as to the nature of any proposed discharge, existing discharge, or material change in an existing discharge, except discharges into a community sewer system, with relation to the conditions existing in the disposal area or receiving waters upon, or into which, the discharge is made or proposed. The requirements shall implement any relevant water quality control plans that have been adopted, and shall take into consideration the beneficial uses to be protected, the water quality objectives reasonably required for that purpose, other waste*

discharges, the need to prevent nuisance, and the provisions of Section 13241."

Thus, in enacting Water Code §§ 13241 and 13263, the State has expressly stated its intent that the regional boards exercise their authority to regulate discharges to promote the beneficial use of water and prevent waste through the issuance of waste discharge requirements. Pursuant to the express terms of these statutes, this authority includes the prohibition on any discharge that is wasteful and does not promote the beneficial use of water.

The State has been approved to issue National Pollutant Discharge Elimination System ("NPDES") Program permits under the Federal Clean Water Act. Under that authority, the LARWQCB issued General NPDES Permit No. CAG914001 (the "General Permit"), adopted by Order No. R4-2018-0087 on June 14, 2018. The General Permit establishes Waste Discharge Requirements for discharges of Treated Groundwater from Investigation and/or Cleanup of Volatile Organic Compounds Contaminated-Sites to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties. The General Permit prohibits, for example, the daily discharge of an effluent containing more than 6 ppb perchlorate (See General Permit, Attachment F, Table 6 (Effluent Limitations)).

The standards contained in the General Permit are ARARs. They were properly promulgated because they were adopted pursuant to the authority granted to the State under 40 CFR parts 122 and 123 and Section 402 of the Clean Water Act and other State authorities, including Water Code § 13263. The General Permit is generally applicable – it serves as a general NPDES permit and covers discharges to all surface waters in the Los Angeles Region (*See* General Permit, ¶23.). It is enforceable both administratively and through the Superior Court (*See* Water Code §§ 13300 et seq.). Finally, the General Permit standards are legally applicable or relevant and appropriate as state standards stricter than current federal standards. Thus, the standards set forth in the General Permit are ARARs.

If necessary, WQA will engage the implementation and enforcement procedures of SWRCB and LARWQCB to carry out this Remedial Standard. The applicable rules,

regulations and standards of SWRCB and LARWQCB are attached as Appendix D-2 and incorporated herein.

3. DDW TREATMENT STANDARDS

In furtherance of an objective of this §406 Plan to integrate cleanup activities with water supply operations, water treatment for remedial action purposes shall be carried out in conformance with treatment standards for public drinking water systems adopted by the DDW. (See Appendix D-3). Under this Remedial Standard, Basin water produced and treated for remedial action purposes shall not be wasted and such water shall be put to the greatest reasonable and beneficial use of which it is capable. Conversely, the waste and unreasonable use or unreasonable method of use of such waters shall be prohibited. Under authority of §106 of the California Water Code, domestic use is the highest beneficial use of water. Unless discharge or other use of the Basin water produced and treated for remedial action purposes is approved by the LARWQCB, all such water shall be made available for domestic use through public drinking water systems or recycled water systems. Under this Remedial Standard, Basin water produced for remedial action, with the approval of the DDW, shall be integrated into water supply operations in the Basin.

The California Safe Drinking Water Act (Health & Safety Code §§ 116275 *et seq.*) (the "Act"), contains public water supply permitting provisions which authorize DDW to set permit conditions for water delivered by public water systems. In Section 116270(e) of the Act, the Legislature declared its intent to "ensure that the water delivered by public water systems of this state shall at all times be pure, wholesome, and potable." In addition, in Section 116270(g) of the Act, the Legislature declared its intent "to establish a drinking water regulatory program within the DDW in order to provide for the orderly and efficient delivery of safe drinking water within the state and to give the establishment of drinking water standards and public health goals greater emphasis and visibility within the state department."

In 1997, the then Chief of the Division of Drinking Water and Environmental Management of the California Department of Public Health drafted a "Guidance for Direct Use of Extremely Impaired Sources" memorandum known as Policy Memo 97-005. This memorandum provides guidance to DDW staff on the evaluation of extremely

impaired sources of water for use as a supply of drinking water. In 2015, DDW staff produced a draft update version of the memo entitling it "Addressing the Direct Domestic Use of Extremely Impaired Sources Process Memo 97-005 Initially Established November 5, 2015" ("Process Memo 97-005").

Pursuant to Process Memo 97-005, the following findings are required of DDW for approval to use an extremely impaired source[1]:

> (1) Drinking water MCLs, action levels for lead and copper, and Notification Levels[2] (formerly Action Levels) will not be exceeded if the permit is complied with; and
>
> (2) The potential for human health risk is minimized by treatment, and the risk from treatment failure is minimized through good engineering practices that may involve redundancies in treatment, and efficiencies in maintenance, inspections, monitoring, and alarms.

As set forth in Appendix C-2, the permit conditions in Process Memo 97-005 will be considered state ARARs if (1) they are more stringent than federal standards (2) they are properly promulgated standards, requirements, criteria or limitations, and (3) they are legally applicable or relevant and appropriate. The Process Memo 97-005 permit requirements are more stringent than federal standards. The requirements were

[1] An extremely impaired source, according to Process Memo 97-005, is one that meets two or more of the following criteria: 1) exceeds 10 times an MCL or action level (AL) based on chronic health effects, 2) exceeds 3 times an MCL or AL based on acute health effects, 3) contains one or more contaminants meeting criteria (1) or (2) above and the source has not been adequately characterized by responsible parties, 4) is a surface water that requires more than 4 log *Giardia*/5 log virus reduction, 5) is a surface water source that contains more than 5% treated waste water, unless associated with approved drinking water-related surface water augmentation project, 6) is extremely threatened with contamination due to proximity to known contaminating activities, 7) contains a mixture of contaminants of health concern or 8) is designed to intercept known contaminants of health concern.

[2] As a result of an amendment in 2005 to Health & Safety Code § 116455, Action Levels have now been replaced by Notification Levels. As defined in Section 116455, a "Notification Levels" are "nonregulatory, health-based advisory levels established by the department for contaminants in drinking water for which maximum contaminant levels have not been established. Notification levels are established as precautionary measures for contaminants that may be considered candidates for establishment of maximum contaminant levels, but have not yet undergone or completed the regulatory standard setting process prescribed for the development of maximum contaminant levels and are not drinking water standards."

"properly promulgated" because they are based on laws adopted by the California Legislature and administrative standards developed by the DDW. Finally, they are of general applicability to anyone who introduces water from extremely impaired sources into the drinking water system. Thus, the permit conditions in Process Memo 97-005 are ARARs.

If necessary, WQA will engage the implementation and enforcement procedures of the DDW to carry out this Remedial Standard. A copy of Process Memo 97-005 and the applicable rules, regulations and standards of DDW are attached as Appendix D-3 and incorporated herein.

C. Overarching Remedial Principles

These principles represent the general guidelines that will steer the implementation of the strategies and tactics contained in this §406 Plan.

1. Consensual participation in remedial activities shall be maximized.

2. Consistency with USEPA actions and MSGBW Section 28 shall be maintained.

3. Control of decisions by the local public (i.e., producers and the water consumers/rate payers they represent) affecting groundwater quality and water supplies shall be maintained.

4. Expedite remedial activities, as appropriate, by providing incentives, such as (a) avoiding litigation costs and risks (e.g. adverse judgment, exposure to other PRPs/agencies, etc.), (b) providing funds from federal, state, the WQA or other sources, and (c) utilizing existing water producing/treatment equipment, where appropriate.

5. The overall economic impact to water consumers shall be minimized for all response actions by requiring financial participation from any party responsible for the contamination. Within the discretion of the WQA, a cost recovery action, including, but not limited to, a request for joint and several liability, will be initiated against any responsible party not participating at a financial level acceptable to WQA.

6. WQA shall facilitate the acceleration of the removal of contaminant mass in the Basin by working with the USEPA, DTSC, LARWQCB, DDW, water purveyors and PRPs to (a) identify high priority cleanup projects that are consistent with USEPA

objectives, and (b) begin implementation of the required remedy as soon as possible. Cleanup projects that prevent or otherwise restrict the lateral or vertical migration of contamination shall be given higher ranking over those cleanup projects that do not prevent such migration.

7. Treated water shall be used for its highest and best use.

D. Operable Unit Specific Plans

After more than 20 years of studies and investigations, USEPA's CERCLA activities have progressed to a point where the configuration of the required remedies, in conjunction with local needs, can be determined in most areas. In general, these remedies include multiple groundwater extraction and treatment facilities designed to remove and contain the spread of contamination. Appendix A summarizes WQA's specific plans for the individual OUs including key components and OU specific issues. Table 2 identifies the annual estimated costs of each project within the Basin OU boundaries through FY21/22.

E. Evaluating Project Effectiveness

During the initial stages of a potential treatment project extensive studies are conducted to ensure the project is located in the appropriate area to achieve:

- an effective contaminant capture and containment zone
- the halting of contamination migration into adjacent clean water supplies
- meeting the water supply objectives of the affected water purveyor

WQA plays a key role during this evaluation process to ensure that each project provides the greatest protection to the water supply of the residents of the Basin while minimizing any economic impact. WQA has developed the following criteria to evaluate projects for effectiveness:

- How much contaminant mass is removed from the Basin?
- How much of the treated water is used for beneficial purposes?
- How many downgradient wells are being protected?
- Does the project integrate cleanup with water supply?

WQA also considers that overall impact of the combined cleanup projects. Figure 12 demonstrates the number of treatment plants coming online has grown steadily since WQA's inception in 1993. The total pounds of contaminants removed and acre-feet of water treated are shown in Figure 13.

VI. Project Funding

The WQA has and continues to be committed to accelerating cleanup, integrating cleanup with water supply, preventing migration, and minimizing the financial impact to the public through its annual assessment. In order to meet these goals, adequate funds, primarily from PRPs, state and/or federal programs, are necessary for implementation. And as can be discerned in the project section of this Plan, much of the Basin's needs are now focused on long-term remediation costs which make up most of the $499 million funding gap in Table 3. While the WQA recognizes that PRPs must fulfill their CERCLA liabilities, it is often a very slow process - a process that jeopardizes the time and cost of implementing projects. In addition, even though USEPA has urged PRPs to consider affected water supplies, the CERCLA process does not allow USEPA to require it. It is for these reasons that WQA is determined to aggressively seek funds from PRPs before, during and after project implementation, either voluntarily, through mandated CERCLA actions or through litigation measures. If funds cannot be generated from PRPs to begin an identified early action project, WQA will work with individual purveyors, MSGBW and/or other local agencies to develop funding for the project using federal and/or state funds, WQA member agency funds, including individual purveyors, and only if necessary, its own assessment. This section prioritizes

each potential source of funding in the order of which it will be sought for a particular early response action.

A. Potentially Responsible Parities

As stated previously, WQA will seek voluntary funds from those responsible for the contamination. If the process of acquiring those funds is unilaterally stalemating or delaying the project, the WQA will move forward without this source of funds to ensure necessary cleanup/water supply projects are implemented.

The WQA is committed to securing PRP funding for any given project by providing incentives for PRPs to participate financially. In the absence of sufficient PRP funds, WQA and others may be required to combine its resources to fund a project. In this event, WQA may choose to initiate cost recovery actions. This was the case in the BPOU, in which WQA brought two separate legal actions against PRPs in the year 2000 to recover costs incurred from the La Puente Valley County Water District ("LPVCWD") Treatment Plant and the Big Dalton Well Treatment Facility.

In 2002, WQA along with three affected purveyors ("water entities") jointly settled with 13 of the more that 60 PRPs in the SEMOU. Thereafter, the WQA and water entities initiated litigation against the remaining PRPs in order to maximize the recoverable dollars in an operable unit with very high estimated costs and very little potential funding from PRPs. As part of the overall financial and technical process, the USEPA and the DTSC were engaged due to their respective roles in the SEMOU. A portion of the PRP settlements cover ROD costs and are provided to the water entities via a cooperative agreement between WQA and the USEPA. The settlements also include some direct funding for non-ROD costs. Nevertheless, these early settlements did not fully cover the project costs. In recognition of the funding shortfall, the USEPA obtained $2.65 million in gap funding from their Superfund program to help offset a portion of the water entity ROD costs. In total, $35.3 million in settlements have been negotiated and obtained from the PRPs. DTSC is expected to take on the longer term regulatory responsibility once it is declared a fund-lead operable unit by the USEPA and the State of California.

B. FEDERAL GOVERNMENT

The WQA, with the support and assistance of other local agencies, has sought and continues to seek all funding that may be available for projects in the Basin. As a result of those efforts, two federal programs have been authorized by Congress specifically for the Basin. Both of these reimbursement programs are administered through the USBR directly to the WQA. In February of 2002, WQA adopted a set of procedures called the Federal Funding Program Administration (Appendix F) to guide the allocation process for both programs.

Both sources of federal funding will be used to the maximum extent possible to accelerate cleanup and to provide incentives for PRPs to address affected water suppliers while implementing cleanup actions in the Basin under CERCLA.

C. RESTORATION FUND (DREIER)

In December of 2000, through the leadership of former Congressman David Dreier, Congress authorized the San Gabriel Basin Restoration Fund ("Restoration Fund"). The original authorization of the Restoration Fund provided $85 million for groundwater cleanup of which $10 million was for use by the Central Basin Municipal Water District ("CBMWD") to cleanup the Central Basin and $75 million was for use by the WQA to cleanup the Basin. In March 2009, Dreier successfully led an effort to increase the total authorization to $142.6 million. That increased the respective Restoration Fund authorizations to $125 million for WQA and $17.2 million for CBMWD. To date, the CBMWD has received $10 million and WQA has received $70,567,509[1]. The WQA Board has already allocated the $70,567,509 for cleanup projects throughout the Basin based on criteria found in its Federal Funding Program Administration guidelines.

This program requires a 35% non-federal match deposited into the Restoration Fund to reimburse the WQA up to a maximum of 65% from federal sources. Non-federal funds are classified as funds that are not from the Department of the Interior, but

[1] The first year appropriation was $25 million but $2 million was retained by the Army Corp for costs related to an independent study and $10 thousand was retained for administrative costs which resulted in a reduced FY 2001 appropriation of $22.99 million.

rather PRP funds, state funds, local municipality funds, purveyor funds, WQA assessment funds or non-profit funds. Funds from this program may be used for design, construction and operation & maintenance for up to 10 years following construction. The Restoration Fund is administered via the USBR in conjunction with the WQA for use within the Basin.

Congress acknowledged that millions of dollars had already been spent to protect the Basin by remediating the groundwater and preventing further contamination. Due to the emergency nature of the contamination and the threat it posed to the local groundwater supply, Congress allowed the use of those past expenditures as a credit towards the 35% non-federal matching requirement under this program. The USBR is responsible for approving all qualifying prior expenditures. However, the WQA, at its discretion, will use this credit to meet the 35% matching requirement and eliminate the need to deposit additional funds into the Restoration Fund.

As of 2008, WQA had accumulated past cleanup cost information totaling more than $47 million. This amount was sufficient to meet the 35% non-federal matching requirement for the original $75 million authorization. Based on more recent information, it is clear that additional funding will be required to continue the progress of ensuring that remedial activities will be combined with local water supply needs.

D. TITLE XVI

In 1992, Congress authorized the San Gabriel Basin Demonstration Project to implement conjunctive use projects in the Basin. By implementing cleanup projects that provide a reliable source of water and reduce the need for outside sources of water, many of the Basin's cleanup projects are eligible for this program.

This program requires a 75% match from non-federal sources to reimburse the project up to a maximum of 25% from federal sources. Funds from this program may be used for design and construction only. The Title XVI fund is administered via the USBR directly to the WQA for use within the Basin.

In 2004, Congresswoman Grace Napolitano authored H.R. 1284 which was passed and signed into law. The legislation raised the cap on the Title XVI program by $6.5 million. The total authorization for the Title XVI program is now $44.5 million.

Based on the Basin's enormous need for funds, the WQA will (1) continue to work to secure full appropriation of the remaining funds in the Title XVI authorization, and (2) work with Congress to seek legislation authorizing the transfer of any unobligated funds in the Title XVI program to the Restoration Fund.

E. STATE GOVERNMENT

California voters have passed several Propositions over the past two decades that contain funding for various water-type projects. WQA has aggressively sought and been successful in securing funding from these Propositions for Basin projects. The list includes: Proposition 13 – the Safe Drinking Water, Clean Water, Watershed Protection, Flood Protection Bond Act of 2000; Proposition 50 – the Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002; and Proposition 84 – the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006.

In 2014, voters passed Proposition 1 – the Safe, Clean, and Reliable Drinking Water Supply Act of 2014. The Proposition requires a 50% match and includes language that would allow funding to be used for both Capital and Treatment & Remediation components of cleanup projects. The groundwater section also contains language that is favorable to the WQA's efforts by giving preference to NPL- listed sites such as the San Gabriel Basin.

In 2018, voters passed Proposition 68 – the Parks, Environment and Water Bond. This bond requires a 50% match and contains language to effectively clarify and authorize the use of $80M in Prop 1 funding for Treatment and Remediation activities. Similar to previous years, WQA will closely monitor the implementation process and provide input as appropriate. Additionally, WQA will assist water purveyors with application preparation and support to maximize the funding opportunities.

Furthermore, the WQA will seek to place similar language in any future water bond ballot measures. Working with other water entities in the Basin, the WQA will continue to lead efforts to formulate a comprehensive approach to water infrastructure in the Basin. The WQA will look to any future proposed bond packages for much needed funding for cleanup projects in the Basin.

The WQA will work to educate State agencies on the merits of financial participation in the near-term and the very real impacts which could result from inadequate State financial assistance. The WQA will emphasize that stemming the flow and mitigating the spread of contamination will be more cost effective and have less of an impact on both the State and local ratepayers.

One example of a beneficial impact is WQA's Whitmore Street Groundwater Remediation Facility ("WSGRF"). In 2007, the SWRCB awarded WQA a $1.42 million grant from their Cleanup and Abatement Account ("CAA") to the orphan project. The grant included construction costs and up to five years of operation. The treatment facility was completed in 2007 and is currently operational. In 2012, WQA secured an additional $950,646 in CAA funding through September 2018. WQA has continued funding the project temporarily until an alternative funding source can be obtained. The project is located within the SEMOU and removes significant concentrations of 1,4-dioxane and VOCs (see Appendix A). WQA will actively continue to identify projects that could qualify for similar funding streams from the SWRCB.

The WQA is also actively involved in hosting, representing and financially supporting the Upper San Gabriel River and Rio Hondo River ("USGRHR") sub-regional area of the Greater Los Angeles County ("GLAC") Region IRWMP. The state IRWMP program is overseen by the California Department of Water Resources ("DWR") in accordance with the IRMWP Act of 2002. As the Vice-Chair of the USGRHR steering committee, the WQA provides and solicits input and opportunities for local stakeholders to network and develop multi-benefit projects. This in turn increases the likelihood of funding from IRWMP bond funds. For example, what may have been a single-purpose project to increase water supply, could become a project that enhances nearby open space, cleans-up water supply and/or provides more water storage.

In addition, WQA is also a member of the GLAC IRWMP Leadership Committee which acts as a Regional Water Management Group under the IRWMP program. This committee includes two members from each of the five sub-regions in the GLAC Region plus representatives from several resource management areas. The duties of this committee includes the development, administration and updating of the IRWMP. The

committee also selects priority projects for funding applications that represent and benefit the needs of the entire GLAC Region.

F. WATER QUALITY AUTHORITY

The WQA may impose an annual assessment for capital and operational costs not to exceed $10 per acre-foot. In the past, it has been WQA's policy to utilize assessment dollars to provide incentives for PRPs to move forward on a given project. With the availability of significant federal funds, these funds will only be utilized if sufficient federal and/or state dollars are or will not be available in addition to PRP funds. If PRPs do not voluntarily provide funds to a project, then the WQA will, on a project-by-project basis, consider the use of assessment funds to underwrite the project costs with or without other local dollars. However, the WQA is committed to recovering its costs from non-participating PRPs at a later date, so that the cost to the local consumer will ultimately be minimized.

The WQA Act provides that WQA may issue bonds for a term not to exceed 20 years for any purpose authorized by it. Additionally, the WQA Act authorizes the State Treasurer to continue to collect assessments to payoff bond obligations in the event that WQA sunsets prior to the bonds' maturity dates. WQA has begun exploring this option in addition to the other funding mechanisms available as a means to augment treatment and remediation costs over the next several decades.

G. WATER PURVEYORS/CITIES/MEMBER AGENCIES/OTHER LOCAL WATER AGENCIES

As of January 2001, all potential projects requesting WQA participation must go through WQA's Procedure No. 38, "WQA Project Participation". As part of that procedure, the WQA requires the impacted water purveyor to fund or secure funds other than WQA's assessment representing a minimum of 25% of capital costs. In the event projects cannot be otherwise fully funded using any or all of the above funding sources, WQA will work with an affected city, member water agency and/or other local water agencies to develop potential funding sources. The WQA will pursue the recovery of these funds on behalf of the participating agency, if necessary.

VII. Project Prioritization

WQA utilizes a number of tools to prioritize projects for funding. To be eligible for funding consideration, proposed projects must meet all of the following conditions:

- *Project must be located within the jurisdictional boundaries of the WQA*
- *Applicant(s) must demonstrate, through WQA's Procedure No. 38 process, (described in the following section) that the project in the area of the proposed groundwater remediation project removes contamination, and protects and/or prevents groundwater contamination from spreading into clean areas*
- *Applicant(s) must demonstrate that the project water will be put to beneficial use, with priority given to those projects which include an affected water purveyor and provides potable water, if applicable*
- *Project must conform and further the objectives of the WQA §406 Plan or the intent thereof*
- *Project must be consistent with the legislative intent of the statute(s) authorizing or appropriating the public funds used for project funding reimbursement*
- *Project cannot have been used in calculating the 35% credit provision in the Restoration Funds*
- *Project cannot have begun operating prior to July 1, 1999 (this provision may be waived by the WQA Board)*
- *Start of project construction for a new project must be anticipated within 18 months of executed agreement between WQA and applicant(s)*
- *Applicant(s) must provide a plan that commits 100% of the required funds in WQA's account in advance of each payment owed on the project and prior to each reimbursement request.*

Criteria to which a proposed project shall be measured, but not required, are as follows:

- Project conforms and furthers the objectives of WQA's §406 Plan or the intent thereof
- Ranking on priority list if multiple requests are competing for available funds
- Project is "necessary" and "consistent" with the NCP

- Requesting party to pay no less than 25% of capital costs
- Funding for operation and maintenance secured from funds other than WQA assessment
- Implementation of construction anticipated within one year of executed agreement

Projects are scored according to the questions and corresponding scores listed in Table 2 – Project Scoring. Once scored, the projects are then ranked according to the criteria in Table 3 – Project Ranking. The higher scores represent a higher ranked priority position within each category for available funding.

A. PROCEDURE NO. 38

San Gabriel Basin WQA Policy and Procedures Manual - Administrative Procedure 38 - WQA evaluates projects submitted to determine whether the projects are "necessary" and "consistent" with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). For cost recovery purposes, remediation projects are considered "necessary" if there is evidence of a release of hazardous substances, the project is designed to mitigate the impact of such releases and the project is needed to meet regulatory requirements for remediation and/or water supply. The determination of necessity shall be based on data of sufficient quality and quantity to satisfy the WQA. Remediation projects are considered "consistent" with the NCP if the remediation project is in substantial compliance with the applicable requirements of the NCP and results in a CERCLA-quality clean-up. Specific potentially applicable NCP requirements are addressed below.

B. HUMAN RIGHT TO WATER

In recognition of AB685 (Chapter 524, Statutes of 2015), which declares that it is the "established policy of the state of California that every human being has the right to safe clean, affordable, and accessible water adequate for human consumption", the WQA, consistent with its mission and goals, will identify projects to further this policy. There are no publc water systems in the San Gabriel Valley operating in violation of their operating permits.

C. DISADVANTAGED COMMUNITIES

Disadvantaged communities (DACs) are defined by the state as a community with an annual median household income (MHI) less than 80% of the Statewide annual MHI. Figure 11 contains a map of the San Gabriel Basin overlayed with census block groups matching that definition. Together the block groups represent approximately 410,000 residents living in DACs. WQA will identify projects located in DACs and provide recommendations for the appropriate state funding.

VIII. Contractor Selection

Competitive bids are typically used for contractor selection for capital projects when funding sources include WQA assessments, local water funds, or funding from the state or federal government. Projects with federal and state dollars follow their respective contracting guidelines regarding competitive bids. Sole source awards may occur, consistent with either federal and state guidelines, or the criteria established by the individual water purveyor.

IX. Public Information

The WQA has succeeded over a number of years in building public support for cleaning up contaminated groundwater in the Basin. The public information program will continue to build on that effort to foster understanding of the WQA's mission, projects and accomplishments and plans, and to encourage public participation in the cleanup process. The WQA will undertake efforts to ensure that all stakeholders, including the general public, understand projects that involve the WQA and have ample opportunity to contribute ideas and opinions.

The program will employ a variety of methods to reach everyone from specialized audiences, such as the local water community and legislators in Sacramento and Washington, to the general public in the Basin and beyond. The WQA will constantly update its web site and social media outlets including Facebook (facebook.com/SGBWQA), Twitter (@SGBWQA) and YouTube (youtube.com/SGBWQA) to provide instant access to public information, including news

releases, publications, agendas, minutes of meetings, and reports on projects. In addition to WQA-specific issues, the WQA web site links to local, state and federal water agencies and organizations, giving the public immediate access to information on many local water issues, including groundwater contamination and cleanup activities. It also gives access to the names of officials who can be contacted for further information.

The WQA will work to keep the local offices of federal and state legislators informed of any developments and the progress of water cleanup issues in the Basin. These efforts will include office visits, tours of treatment facilities and an invitation to participate in the WQA legislative committee. The WQA has continued to host the Legislative Water Forum Luncheon in which local legislators are invited to provide updates on state legislation as it pertains to the Basin water community. Speakers in the series to date have included United States Senator Dianne Feinstein, former Senator Barbara Boxer , former Congressman David Dreier, former Congresswoman and U.S. Secretary of Labor Hilda Solis (now Los Angeles County Supervisor, District 1), Congresswoman Lucille Roybal-Allard, former Attorney General and State Treasurer Bill Lockyer, former Secretary of State Bruce McPherson and former Board of Equalization Member Judy Chu (now Congresswoman).

In 2006, the WQA developed a DVD presentation that features Senator Dianne Feinstein and former Congressman David Dreier. The DVD is being used in Sacramento and Washington, D.C to educate legislators, bureaucrats and other stakeholders to the strategic importance of the Basin. Senator Feinstein and Congressman Dreier implore the state and the state legislators to become full participants in the cleanup of the Basin.

In 2007, KCET's *Life & Times* program produced a segment on the Basin. The segment focused on the status of the cleanup, the impact of the contamination on the City of Monterey Park's water supply, the potential impact on ratepayers, and the need for more state involvement. A DVD of the segment is also used to educate local stakeholders on the cleanup of the Basin.

In 2012, WQA published its first annual report. The full color annual publication also serves as an executive summary of the §406 Plan.

The public information program uses a variety of written publications to carry its message. These may include annual reports, brochures, bulletins for specific projects and periodic news inserts in the *Los Angeles Times*, *San Gabriel Valley Tribune*, *Pasadena Star News* and the *Whittier Daily News.* The inserts are distributed throughout the Basin, through home and business delivery and general sales. The WQA will continue to provide the public with the latest information on its projects and programs

The WQA will continue to work closely with the news media and other organizations to reach the public. It will distribute press releases, contact and meet with reporters and editors to inform them of activities respond to press inquiries and take other steps to encourage media interest. The WQA will continue to work with major news outlets, such as the Los Angeles News Group, *Los Angeles Times*, and foreign language publications, such as *La Opinion* and the *Chinese Daily News*. It also will continue to provide information to other local newspapers, city and chambers of commerce newsletters and publications directed at water and environmental interests, the business press and the electronic media.

The WQA Board, through a variety of means, including public meetings and workshops, also interacts with the public to provide information and to solicit input. In addition, the WQA will continue to work with other agencies on information projects and participate with other water agencies on public outreach efforts.

All projects involving WQA will follow an established process, including all applicable federal, state and local regulations. Because the Basin is a Superfund site, the process will always include meeting requirements under the NCP, including its public participation component, in order to ensure maximum cost recovery potential. In addition, whenever needed or requested, WQA will work closely with water purveyors to help them meet the extensive public outreach requirements set forth in the DDW Technical Memorandum 97-005. However, absent regulatory requirements, the WQA continues to be committed to informing the public of all of its activities.

X. Coordination with Other Agencies

The WQA was created to fulfill a need to coordinate response actions to the contamination in the Basin. The WQA continues to call for the involved federal, state, and local agencies to unite with all stakeholders to work more effectively and efficiently. Stakeholders include but are not limited to the USEPA, the USBR, the DTSC, the SWRCB, the LARWQCB, the DDW, the WQA and each of its member water districts, the MSGBW, cities affected by the Basin groundwater contamination, San Gabriel Valley Water Association, water purveyors in the Basin, and PRPs.

Response actions alone cannot fulfill the long-term need of creating a sustainable and reliable source of water supply in the Basin. The State of California requires water districts to develop and adopt an Urban Water Management Plan ("UWMP"). WQA, in coordination with its three member water districts, the Upper San Gabriel Valley Municipal Water District ("Upper District"), the Three Valleys Municipal Water District ("TVMWD"), and the San Gabriel Valley Municipal Water District ("SGVMWD"), shall incorporate water reliability projects identified in each of their UWMPs into the §406 Plan. Their respective sponsorship and administration of these projects is a vital part of enhancing the long-term reliability of the Basin's water supply. These projects, listed in Appendix G, directly benefit the Basin and help augment WQA's groundwater cleanup activities.

XI. Litigation Plan

The WQA Act authorizes the WQA to bring legal action, including against responsible parties to recover from them the response costs incurred in connection with removal and remedial actions in the Basin.

Among other claims the WQA can assert for cost recovery, the WQA may bring suit under CERCLA, which provides that any person or entity who owns or operates a facility from which there has been an actual or threatened release of a hazardous substance which has caused the WQA to incur response costs, is liable for the costs of response. Liability similarly is imposed on persons and entities, among others, who

previously owned or operated a facility at the time such hazardous substance(s) were released.

CERCLA further allows the WQA to seek to hold all PRPs jointly and severally liable for these response costs, recover prejudgment interest, and obtain a declaration from the court that the responsible parties are liable for future response costs. In addition, the WQA may seek to recover its attorneys' fees incurred in bringing legal action. A more detailed discussion of the WQA's legal options is included in Appendix C- 3.

XII. Future Activities

Over the next year WQA will continue to play an integral role in protecting the groundwater supplies of the Basin by actively participating in all operable unit remedies to ensure that the necessary facilities are constructed and treatment and remediation continues to occur in a manner that provides the greatest benefit to the residents of the Basin.

BPOU - Additional modifications necessary to operate the BPOU remedy project in the most cost effective way possible will continue. Once all modifications are complete the BPOU projects combine to provide up to 25,900 gpm of potable supply. WQA will continue to pariticpate in decisions that affect project treatment and remediation activies as a member of the project committee.

SEMOU – The WQA received a Proposition 1 planning grant from the SWRCB to conduct additional site investigation activities upgradient of the WSGRF. The activities include several hydropunch locations along with cone penetration testing to further delineate plume boundaries while providing invaluable aquifer lithology. It is anticipated that the additional site investigation work will lead to an implementation grant that will ensure the optimization of the WSGRF. In addition, WQA will be applying for additional Prop 1 funds to assist the LARWQCB with contaminant source investigation activities at various locations within the SEMOU.

EMOU - WQA will continue to participate in the remedial activities including but not limited to remedial design, project oversight and federal reimbursement activities associated with the EMOU. In 2012, the westside workparty finished construction of the shallow zone remedy and will continue operation as required by the USEPA. In late 2015, the eastside workparty's shallow zone remedy became operational. In 2019, the city of El Monte received its 97-005 amended water supply permit for the operation of eastside deep zone remedy. In addition, WQA will encourage that the end use of the treated water be put for beneficial use whenever possible.

PVOU - WQA will continue to participate in the remedial activities, including but not limited to, remedial design and project oversight associated with the PVOU remedy. In early 2019, the PVOU IZ Remedy will began construction of the centralized treatment facility. Construction activities will continue throughout the next reporting period. In addition, it is anticipated that the shallow zone north remedy will ramp up its remedial design activities. WQA will continue to assist the workparties in developing an enhanced alternative end use discharge plan that will have a regional benefit to the San Gabriel Valley water supply.

Area 3 - It is anticipated that the City of Alhambra will continue to operate its Phase I and Phase II treatment facilities, and the the City of South Pasadena will continue to operate its 1,2,3-TCP treatment facility at their Wilson wellsite. In addition, WQA will assist USEPA and LARWQCB whenever possible to further characterize contamination within the Area 3 boundaries.

WNOU – WQA will continue to assist the DTSC in its oversight of the WNOU remedy to guarantee the continued operation and to ensure that the remedy is performing as required by the WNOU IROD.

Non-Operable Unit Projects – All non-operable unit projects mentioned above are anticipated to remain in service and continue to mitigate contaminate migration.

Volume II

APPENDIX A

Appendix A - Operable Unit Area plans

1. BALDWIN PARK OPERABLE UNIT

Of the six areas of contamination in the Basin, the BPOU is considered the most significant because of the geographic size and degree of contamination. For this reason USEPA prioritized this area for investigation back in the late 1980's. Located in eastern Los Angeles County and covering 10 square miles, the BPOU includes portions of the cities of Azusa, Industry, Irwindale, Baldwin Park, West Covina and the unincorporated areas in Los Angeles County. The area of groundwater contamination is more than 8 miles long and 1 mile wide, reflecting multiple, commingled groundwater contaminant plumes. By 1994, there was a general consensus on the technical approach including a financial arrangement whereby sales from the water produced by the treatment plant would be used to offset the costs of the project. However, just as designs were being prepared, the discovery of new contaminants prompted a complete reevaluation of cleanup plans.

In 1997, perchlorate, a contaminant derived from solid rocket fuel, was discovered in many of the active production wells within the OU. This discovery had widespread impacts, primarily because traditional treatment methods were ineffective in removing perchlorate from the groundwater. The new discovery not only disrupted the design of the CERCLA remedy, but also shut down many of the existing treatment plants that had been operating for water supply purposes. In one case, a water purveyor's (LPVCWD) complete water supply was shut down due to excessive concentrations of perchlorate that could not be removed by treatment facilities currently in place. This forced the water purveyor to buy alternative groundwater supply from neighboring water purveyors and supplemental imported water costing five times the cost of groundwater before the discovery of perchlorate.

Based on the discovery of perchlorate, USEPA chose to update its ROD and issue a plan update (Appendix E). This update was similar to the original ROD except that the containment requirement in the southern portion of the OU unit was shifted

further downgradient to address the new contaminants and the larger VOC plume resulting from several years of movement since the original ROD was issued. USEPA's plan required that about 22,000 gpm of contaminated groundwater be extracted and treated. The update did not, however, specify how the water was to be used.

In 1998, although USEPA had recently accepted a "good faith offer" from a portion of the BPOU PRPs to conduct the required cleanup, the specifics of the offer suggested that the PRPs intended to construct cleanup facilities without addressing the local water supply needs. The promise of the good faith offer was to extract water from the specified locations, treat the water at centralized facilities using emerging (unapproved) treatment technology and then discharge the water into nearby surface water channels. This approach was met with strong resistance that could have resulted in further delays and continuance of the existing water supply crisis. In addition, USEPA's approach focused on overall containment of the plume and did not include projects that were outside of USEPA's primary objectives that would have beneficial effects on both cleanup and water supply.

In response to this situation, WQA prescribed a cleanup plan developed by the MSGBW (Figure 2) that integrates cleanup and water supply objectives. The first phase of this plan focused on the southern portion of the plume where the priority is highest to contain the plume, protect critical water supplies and restore critical water supplies.

In 1999, due to the critical need for immediate action, WQA, MSGBW and Upper District joined resources and began implementation of the plan by constructing the first facility to treat both perchlorate and NDMA for drinking water at the LPVCWD well site. Following the success of the LPVCWD project, WQA prescribed additional early actions that build on the LPVCWD project development model.

In 2002, eight of the 20 BPOU PRPs entered into a comprehensive project agreement with WQA, MSGBW and local purveyors to fund the prescribed remedy described in this section.

To achieve rapid implementation in the BPOU, only treatment processes that are approved as Best Available Treatment Technologies ("BATT") by DDW shall be used to meet drinking water requirements. This requirement is necessary to assure that lengthy approval processes normally associated with emerging technologies are eliminated.

Use of BATTs will be necessary to accelerate removal of contaminant mass from the Basin and to restore impacted potable water supplies. However, wherever practical, other technologies may be considered if significant and exceptional benefits are shown to outweigh the need for urgency.

In addition, as new technologies become available, the WQA prescribes that cost effective studies and pilot programs are pursued in order to maximize the potential savings in cleanup costs over the life of the projects. For example, multiple projects are using an ion exchange technology that may be outdated and costly. New resin technology has been introduced that could provide alternatives to the existing technology, and studies have been undertaken to assess the benefits of switching over if the lifetime benefits appear to be substantial.

In the cases where existing technology remains in place, careful optimization will be performed regularly on the equipment in order to achieve the best effective operation and the lowest operating cost possible.

- *Southern Remedy*

In conjunction with the LPVCWD treatment project constructed in 2000, a new treatment facility located at the San Gabriel Valley Water Company ("SGVWC") Plant B6 treatment facility near the southern extension of the plume was prescribed for immediate implementation. The project also included the construction of four new extraction wells (B25A, B25B, B26A and B26B) and transmission pipelines connecting the extraction wells to the Plant B6 treatment facility.

The project finished construction in 2004 and received its 97-005 amended water supply permit from the DDW in June 2005. The water extracted from this facility is needed by SGVWC to replace production capacity lost when contamination forced the closure of the then operating water treatment facilities that lacked the ability to remove the newly discovered contaminants, perchlorate and NDMA. The project has the ancillary benefit of protecting downgradient water supply wells by halting the southeastern migration of contaminant mass.

In 2009, efficiency studies have led to changing out the existing ion exchange treatment technologies at LPVCWD's treatment facility and SGVWC's Plant B6

treatment facility from a regenerable resin technology to a more efficient single-pass resin technology. As a result of changing from a regenerable resin ion exchange technology to a single-pass technology SGVWC lost the ancillary benefit of some nominal nitrate treatment. Therefore, DDW required SGVWC to construct additional nitrate treatment at its Plant B6 to ensure continued operation of the treatment facility. The new nitrate treatment utilizes a regenerable ion exchange treatment system but will be designed specifically for nitrate removal.

In 2020, SGVWC plans to replace its existing UV treatment equipment with new more efficient 3rd generation UV treatment technology.

The next component of the remedy prescribed for the southern area is a new treatment facility that is located at the SGVWC Plant B5. The project finished construction and began testing in 2007. In April 2008, the Plant B5 treatment facility received its amended water supply permit from DDW. The Plant B5 treatment facility treats water from an existing well (B5B), from a new extraction well drilled on site (B5E) and from an existing City of Industry well located in the San Fidel Well Field. The Plant B5 facility is necessary to meet water supply demand and to serve as a final containment point to prevent the further degradation of clean aquifers resulting from the migrating BPOU contamination plume.

This plan prescribes immediate implementation and long term operation of the southern remedies for the BPOU including all of the necessary facilities to achieve full containment of the BPOU plume at the downgradient edge. In June 2008, the last component of the BPOU remedy became operational. These facilities will accelerate removal of contaminant mass in the Basin, prevent migration of contamination into critical groundwater water supplies, and through the integration of cleanup with water supply objectives, mitigate the existing water supply crisis in the area.

As of September 30, 2019, the southern remedy projects have treated approximately 317,562.71 acre-feet of contaminated groundwater and have removed approximately 42,324.90 lbs. of VOCs, perchlorate, NDMA and 1,4-Dioxane.

- ***Northern Remedy***

In 2005 construction was completed on a new treatment facility at the VCWD Arrow/Lante wellfield. The new treatment facility known as the Subarea 1("SA1") treatment facility will consist of all necessary treatment technology and two new extraction wells (SA1-1 and SA1-2) that were constructed east of the treatment facility which will deliver raw water to the facility via new transmission pipelines. The plan also includes a treated water pipeline to deliver all of the treated water to SWS. In 2007, VCWD discovered TCP in its SA1 extraction wells and was forced to construct additional Liquid Phase Granular Activated Carbon ("LPGAC") treatment at SA1 to combat the new found contamination.

Similarly to LPVCWD and SGVWC in 2008, VCWD initiated the process to replace the ion-exchange regenerable treatment system with single pass ion-exchange treatment equipment. Design and construction of the single pass ion-exchange system was completed in 2009.

In 2014, VCWD approved the nitrate management plan which will provide ancillary nitrate blend capabilities to ensure compliance with drinking water standards.

In 2015, VCWD will begin construction of a new extraction well that will replace existing offsite extraction wells SA1-1 and SA1-2. The new extraction well along with existing SA1-3 will provide enough capacity to achieve the revised extraction rate of 6,000 gpm.

As of September 30, 2019, the northern remedy project has treated approximately 77,414.27 acre-feet of contaminated groundwater and has removed approximately 42,820.10 lbs. of VOCs, perchlorate, NDMA and 1,4-Dioxane.

- *Other Remedies*

California Domestic Water Company's ("CDWC") Well No. 14 was affected by contamination emanating from the BPOU, including perchlorate and NDMA. CDWC expanded their existing VOC and NDMA treatment systems by including a perchlorate treatment system. The project is also designed to protect CDWC's downgradient wells. Construction was completed in June of 2002.

Recently DDW informed CDWC that blending for VOCs would no longer be allowed and treatment for VOC removal will be mandatory. In addition, DDW stated that

Well No. 10 will not be allowed to operate as a blending source for perchlorate if upstream perchlorate levels are shown to be increasing. Therefore, CDWC intends to construct dedicated VOC and perchlorate treatment systems for its Well No. 10.

As of September 30, 2019, the CDWC project has treated approximately 373,162.93 acre-feet of contaminated groundwater and has removed approximately 18,837.70 lbs. of VOCs, perchlorate and NDMA.

After losing their Plant 139 and Plant 140 wellfields to the BPOU contamination, SWS constructed new production wells at their Plant 121, Plant 142 and Plant 151 properties. The interim project also included the construction of pipelines that will allow for better operational flexibility and provide additional supply to their affected service area.

In addition to operating the SA1 treatment facility as part of the BPOU remedy, VCWD also has two additional treatment facilities that they own and operate for their immediate water supply. In 1990, VCWD constructed the Maine East and West treatment facility and in 2004 the Nixon East and West treatment facility.

As of September 30, 2019, the VCWD's Maine and Nixon treatment facilities have treated approximately 113,761.39 acre-ft of contaminated groundwater and have removed approximately 2,163.80 lbs. of contamination.

Finally, WQA endorses the construction of the Covina Irrigation Company's ("CICs") Baldwin Pumping Plant. In 2014, WQA assisted CIC in receiving a DDW grant for the construction of the treatment facility. In 2020, it is anticipated that CIC will finish construction and begin start-up testing.

2. SOUTH EL MONTE OPERABLE UNIT

The SEMOU covers approximately 8 square miles. It encompasses all of the city of South El Monte and portions of El Monte and Rosemead. The SEMOU is generally bounded by Interstate 10 to the north, Highway 60 to the south, Interstate 605 to the east, and San Gabriel Blvd to the west. Contamination in the SEMOU is predominantly VOCs 1,4-dioxane, and perchlorate. In general, VOC concentrations are highest in shallow groundwater near industrial facility source areas where releases have occurred. VOCs have also migrated downward into the intermediate aquifer zone. The VOCs

have migrated westward toward drinking water production wells as well as southward toward the WNOU. Some drinking water production wells have been impacted by groundwater contaminants and either shut down or equipped with wellhead treatment to reduce contaminant levels to drinking water standards.

The threat to the northwest has already impacted several critical water supply wells, primarily those owned by the City of Monterey Park ("CMP"), SGVWC and Golden State Water Company ("GSWC"). These water purveyors have had to implement treatment facilities in order to resolve their water supply crises. The other predominant threat is from contamination in the shallow aquifers that provide a continuous source of contamination that has traveled as far south as the Whittier Narrows Dam. Continued migration of the contamination past the Whittier Narrows Dam threatens many production wells and the sensitive recharge areas within the Central Basin. Immediate action is clearly needed to address these imminent threats.

To address the VOC groundwater contamination in the SEMOU, USEPA released its Interim ROD ("IROD") (Appendix E) in September 2000. The IROD specifies extraction from the intermediate zone at or near CMP's existing well No. 5, CMP's existing well No. 12, SGVWC's existing Plant No. 8 wellfield, and GSWC's existing San Gabriel (SG1 & SG2) wellfield. USEPA's plan also includes a new extraction well (CMP No. 15) northeast of CMP No. 12. USEPA's goal is to contain the flow of contaminants and prevent exposure to downgradient pumping centers operated by CMP, SGVWC, and other purveyors. Although USEPA recommends the use of existing water supply facilities, the PRPs are not mandated to use these facilities in their response, nor are they obligated to integrate water supply with the required remedy.

In 2005 USEPA issued an ESD (Appendix E) for the SEMOU to include treatment of perchlorate in the intermediate zone and reserved the right to include treatment for 1,4-Dioxane and other ECs at a later date.

With the exception of perchlorate treatment, WQA's prescribed actions for the SEMOU have, for the most part, been put into place and are consistent with USEPA's proposed plan. They address specific concerns that (1) action needed to take place immediately to halt further migration into critical water supplies, (2) complications in the negotiations with the PRPs would delay USEPA's implementation schedule, and (3)

PRPs may choose to fulfill their CERCLA responsibility to USEPA without addressing the need to restore water supplies. Specifically, the prescribed actions referenced below have and will address both the immediate threat and water supply crisis prevalent in the northwest portion of the OU and the long-term threat to Central Basin to the south.

To date, USEPA has lodged nine Consent Decrees ("CDs") embodying settlements with 72 PRPs for costs associated with implementation of the SEMOU remedy. The funds recovered by USEPA will be used to reimburse affected water purveyors for future treatment and remediation costs associated with the continued operation of remedy wells and treatment facilities as described in the SEMOU remedy through a cooperative agreement between USEPA and WQA.

- *Intermediate Zone Remedy*

To address the threat presented in the northwest portion of the OU, WQA's prescribed action (Figure 3) includes the existing VOC and perchlorate blending treatment facility at CMP No. 5 along with the existing VOC treatment facilities at CMP No. 12, SGVWC Plant 8 and GSWC SG1 & SG2. Additionally, the plan specifies that water from CMP remediation Well No. 15 be treated at the existing treatment facility at CMP No. 12.

This plan promotes the beneficial use of the treated water by the appropriate water purveyors. To that end, WQA entered into funding contracts in the year 2000 with CMP, GSWC and SGVWC to construct VOC treatment projects ahead of enforcement action by USEPA.

SGVWC's Plant No. 8 VOC treatment facility was completed in October 2000 and is currently operating. Rising levels of VOCs in the wells at Plant 8 caused the DDW to require SGVWC to install a secondary barrier treatment system. Construction of a LPGAC secondary barrier treatment system to polish the air stripper effluent was completed in 2005. As part of the amended water supply permit issued to SGVWC by DDW to operate the Plant No. 8 VOC treatment facility, a sentinel well, SEMW09 had to be installed upgradient and within two years travel time of the Plant No. 8 wells. The primary purpose of the sentinel well is to provide an "early warning" of emerging

contaminants that might affect the operation of the Plant No. 8 VOC treatment facility. A 2005 sample of SEMW09 detected 1,4-Dioxane below 1 ppb however, all subsequent sampling events for 1,4-Dioxane have been non-detect.

SGVWC's recent analyses of onsite production well 8D revealed and continued to confirm the presence of perchlorate and 1,4-Dioxane at concentrations just below the DDW MCL and Notification Level ("NL"), respectively. Because the current Plant No. 8 VOC treatment facility is not capable of removing perchlorate or 1,4-Dioxane, SGVWC has designed and plans to construct a 5,000 gpm, single pass ion exchange treatment facility for the removal of perchlorate when levels reach 50% of the MCL. In addition, SGVWC constructed an advanced oxidation ultraviolet ("UV") light treatment facility for the removal of 1,4-Dioxane. The addition of the UV light treatment facility will ensure continued operation of the Plant No. 8 VOC treatment facility and continued remediation of the SEMOU groundwater. The UV system is undergoing testing for a 97-005 amended water supply permit.

Both CMP's and GSWC's VOC treatment facilities for Well No. 12 and SG1 & SG2, respectively, were completed. However, the wells for both plants were subsequently found to be contaminated with perchlorate and immediately shut down. In 2004, CMP completed construction of a perchlorate treatment plant for Well No. 12. In addition to the VOC treatment, GSWC operated an interim perchlorate treatment facility for Well SG1 only SG2 was removed from service. However, based on two years of non-detects for perchlorate contamination, GSWC and CMP have deactivated their perchlorate treatment systems.

In 2012, GSWC returned Well SG2 to service and restore plant capacity. CMP has constructed additional piping to bypass their perchlorate treatment equipment while maintaining it in a state of readiness if future perchlorate treatment is needed. Both projects are endorsed as they are designed to restore lost water supply and protect existing downgradient production wells.

In 2018, CMP finished construction of its centralized UV treatment facility at its Delta site. The centralized treatment facility will end the need for redundant VOC wellhead treatment and address 1,4 dioxane issues. Additionally, this new facility will

streamline CMP's production and distribution while providing an overall decrease in CMP's treatment and remediation costs.

As of September 30, 2019, the intermediate zone remedy projects have treated approximately 175,545.07 acre-feet of contaminated groundwater and have removed approximately 23,890 lbs. of VOCs and perchlorate.

- Other Intermediate Zone Remedies

In addition to the extraction and containment projects identified in the SEMOU IROD, purveyors in the SEMOU had to construct treatment facilities at several of their wells to ensure a safe and reliable water supply in the event that the IROD projects are temporarily removed from service. Although these projects are not identified as SEMOU remedy projects by USEPA they do contribute to the remedy by removing mass contamination within the groundwater thus improving the regional groundwater basin as a whole.

In 2004, CMP constructed a VOC treatment facility at its Delta Plant to treat VOC contamination that was recently discovered in CMP Well Nos. 1, 3, 10 and Fern.

In 2005, SGVWC has constructed a VOC treatment facility at its Plant G4 located within the SEMOU.

In 2016, GSWC finished construction of its Garvey Well No. 3 VOC treatment facility.

These actions, as prescribed by this plan, will accelerate removal of contaminant mass and help to prevent migration of contamination into critical water supplies. In addition, integrating the cleanup action with the surrounding water supply will mitigate the current water supply crisis caused by the presence of the contamination.

As of September 30, 2019, other intermediate zone projects have treated approximately 36,854.34 acre-feet of contaminated groundwater and have removed approximately 1,826.50 lbs. of VOCs.

- *Shallow Zone Extraction*

Part of WQA's prescribed response to address the threat to Central Basin was the South El Monte Shallow Extraction Barrier ("South El Monte Barrier"). The South El

Monte Barrier was constructed under a voluntary partnership including WQA, several of the local businesses and the City of South El Monte. The objective of the response action was to halt the flow of contaminants near the primary source areas within the SEMOU.

The project consisted of two extraction wells, treatment facilities and discharge pipes which allow the treated water to infiltrate back into the aquifer downgradient of the extraction. The project was originally constructed to remove VOCs and later modified with ozone/peroxide treatment to remove 1,4-Dioxane. Given that there are no water supply wells directly affected in the immediate areas and that water from the shallow aquifer is not normally used for potable use by the purveyors, low priority was given to mandating beneficial use of the water.

In 2004, the WQA discontinued operation of the South El Monte Barrier after it was determined that USEPA's fund-led Whittier Narrows project (see the Whittier Narrows Operable Unit ("WNOU") portion of this plan) would halt the contaminant migration farther downgradient. While this situation was not the preferred alternative, the WQA determined that no water supplies would be affected by discontinuing the project. Additionally, funds made available by discontinuing the South El Monte Barrier were redirected to contain an alternate source of contaminants that was threatening water supplies.

In 2005, the WQA initiated design on a shallow groundwater barrier to be constructed in and around the area of the former J.A. Bozung facility. The WSGRF project will remove a hot spot plume of VOCs and 1,4-Dioxane that threatens downgradient water supplies. The WSGRF started full-time operation in December of 2008 with treatment and remediation estimated to continue through 2020.

In June of 2019, WQA completed field work of its Proposition 1 Expanded Site Investigation Planning Project upgradient of the WSGRF. The project consisted of seven Hydropunch and CPT locations along with some compound specific isotopic analysis of selected contaminants. It is anticipated that the results of the project will lead to a robust enhancement of the WSGRF.

As of September 30, 2019, the treatment facility has treated approximately 325.60 acre-feet of contaminated groundwater and has removed approximately 187.10 lbs. of VOCs and 1,4-Dioxane.

3. EL MONTE OPERABLE UNIT

The El Monte Operable Unit ("EMOU") covers approximately 10 square miles in the south central portion of the San Gabriel Basin in eastern Los Angeles County. The OU is generally bounded by Interstate 10 to the south, Rosemead Blvd to the west, and Santa Anita Ave and the Rio Hondo to the east. The El Monte OU includes portions of the cities of El Monte, Rosemead and Temple City. This OU is generally characterized by shallow groundwater VOC contamination that is mostly contained in the upper 100 feet of the aquifer. VOCs have also spread downward into the deep zone. VOCs in the deep zone have migrated downgradient towards some drinking water production wells which necessitated that some wells be shut down or equipped with wellhead treatment to reduce contaminant levels.

The City of El Monte ("CEM"), in particular, lost several wells and experienced a shortage of supply. New sources of supply, either from new cleanup facilities or reactivation of existing supplies are greatly needed to enhance and secure the local water supply situation. WQA has provided assistance by leasing the CEM four surplus LPGAC vessels from past WQA projects.

To provide long-term protection of these supplies, immediate actions were needed to cut off and contain the movement of contaminants in the shallow aquifer. Elimination of the high concentrations of contaminants near the sources is necessary to provide for rapid reduction of mass from the aquifer and establish long-term protection of downgradient water supplies. To address this emergency need in 1997 WQA prescribed the immediate implementation of two shallow extraction barriers to stop the flow of contamination on the western and eastern portion of the OU. Anticipating that this type of removal would be required, WQA and many of the PRPs for the EMOU executed agreements to fund the construction of these projects. As part of this early

response, WQA sponsored three components (extraction and treatment at the Clayton Manufacturing facility and individual extractions with centralized treatment for Hermetic Seal, and Crown City Plating facilities) which operated for several years. Immediate implementation of the shallow extraction barriers ahead of USEPA's mandate will complement these other early responses and help to accelerate the removal of mass from the Basin and prevent the further migration of contamination into critical groundwater supplies.

In June 1999, USEPA released its IROD (Appendix E) which requires containment of the shallow contaminant plume on the western and eastern sides of the OU and containment of the deep contaminant plume on the northwestern and southeastern edges of the OU. In 2002, USEPA released an ESD (Appendix E) that requires the containment of emerging chemicals in addition to VOCs. In 2004, due to unrest within the EMOU PRP group, USEPA entered into a CD effectively dividing the PRPs into two distinct work parties, the West Side Performing Settling Defendants ("WSPSD") and the East Side Performing Settling Defendants ("ESPSD").

As a result of the elevated levels of Nitrates and Total Dissolved Solids ("TDS") in both west and east shallow zone extraction projects, local water purveyors cannot integrate the treated water into the local supply. Thus, WQA prescribes that, to the extent possible, the water extracted from the shallow extraction projects be put to beneficial use for one of the following alternatives: (1) potable source through blending, (2) industrial reuse, (3) re-injection to the groundwater basin, or (4) used as a reclaimed water source. If no beneficial end use is available and all alternatives have been exhausted the treated water may be discharged to a nearby channel if permitted by LARWQCB and MSGBW's rules and regulations.

For the shallow zone remediation, theWSPSD is discharging its treated water to the adjacent Eaton Wash under an NPDES permit issued by the LARWQCB and the ESPSD will be re-injecting all shallow zone treated water upgradient of the extraction wells under an LARWQCB permit.

Together, all of these facilities will serve to contain the migration of the contamination in the intermediate (potable) aquifers and prevent the further spread of contamination into critical groundwater supplies. Requiring the beneficial use of shallow

zone treated water will enhance the local water supply and help to mitigate the current water shortage caused by impairment of water supply wells.

In 2016, USEPA required both work parties to work together and develop a comprehensive workplan to address regional CrVI contamination within the EMOU. WQA is supportive of this joint effort and will provide any and all assistance necessary to fully characterize CrVI contamination within the EMOU.

- *West Side Remedy*

The WSPSD is responsible for containment of the western shallow zone contaminant plume (Figure 4) and the containment of the northwestern deep zone plume (Figure 5). Containment of the western shallow plume will be accomplished via six extraction wells and a centralized treatment facility. The treatment facility will be designed to treat not only VOCs but all emergent chemicals ("ECs") to below drinking water standards. Construction of the western shallow zone treatment facility, extraction wells and pipeline was completed in January 2012.

In 2018, due to the decline in the water table in the area the WSPSD's plan to enhance the shallow zone remedy by installing 8 new extraction wells.

As of September 30, 2019 the WSPSD shallow zone treatment system has treated approximately 418.83 acre-feet of contaminated groundwater and has removed approximately 39.30 lbs. of VOCs, perchlorate, nitrate and hexavalent chromium.

The existing GSWC Encinita Plant treatment facilities, owned and operated by GSWC and partially funded by the WSPSD, along with a VOC treatment facility, previously owned and operated by Adams Ranch Mutual Water Company ("ARMWC"), will help address the deep zone contaminant plume in the northwestern sector. Both deep zone projects received federal reimbursement from WQA.

In 2016, ARMWC was acquired by the California American Water Company which has ceased operation of the VOC treatment facility. That leaves GSWC's Encinita Plant as the singular operating deep zone remedy project on the west side of the EMOU.

As of September 30, 2019, the west side deep zone remedy project has treated approximately 31,314.09 acre-feet of contaminated groundwater and has removed 750.40 lbs. of VOCs.

- *East Side Remedy*

The ESPSD is responsible for containment of the eastern shallow zone contaminant plume (Figure 4) and the containment of the southeastern deep zone contaminant plume (Figure 5). Containment of the eastern shallow plume will be accomplished via five extraction wells, a centralized treatment facility and three re-injection wells. The treatment facility will be designed to treat not only VOCs but all ECs. The east side shallow zone remedy became operational in March 2015.

As of September 30, 2019, the east side shallow zone remedy project has treated approximately 132.94 acre-feet of contaminated groundwater and has removed 25.00 lbs. of VOCs.

In 2013, ESPSD in conjunction with CEM installed three extraction wells in the intermediate zone aquifer in the southeastern sector and constructed a centralized treatment facility to control migration of low levels of VOCs. The treated water will be conveyed into CEM's existing distribution system in the area. WQA has provided the ESPSD federal reimbursements for their projects. The east side deep zone remedy project finished construction and is in the process of the required 97-005 amended water supply permit testing.

In 2019, CEM received its 97-005 amended water supply permit for the treatment facility and is using the treated water in its domestic supply. As of September 30, 2019, the east side deep zone remedy project has treated approximately 3,353.90 acre-feet of contaminated groundwater and has removed 172.80 lbs. of VOCs.

- Other Intermediate Zone Remedies

Similar to the SEMOU, affected purveyors in the EMOU had to construct additional treatment facilities. Specifically, the CEM constructed three VOC treatment facilities at wells 2A, 10 and 12 to ensure safe and reliable supply to their customers. Although these projects are not identified as EMOU remedy projects by USEPA they do

contribute to the remedy by removing mass contamination within the groundwater thus improving the regional groundwater basin as a whole.

As of September 30, 2019, CEM wells 2, 10 and 12 have treated approximately 34,031.37 acre-feet of contaminated groundwater and have remove 1,366.60 lbs. of VOCs.

4. WHITTIER NARROWS OPERABLE UNIT

Whittier Narrows is a 1.5-mile gap in the bedrock hills that separates the San Gabriel and Central Basins and represents the primary discharge point for groundwater and surface water flow exiting the Main San Gabriel Basin. USEPA designated Whittier Narrows as an OU specifically to address groundwater contamination flowing out of the Main San Gabriel Basin, through Whittier Narrows, into the Montebello Forebay portion of the Central Basin. The WNOU is bounded to the north by the South El Monte OU (at Highway 60) and to the south by the Montebello Forebay portion of the Central Basin (near the Whittier Narrows Dam).

VOCs, 1,4-dioxane, and NDMA are the primary groundwater contaminants found in the Whittier Narrows Operable Unit (WNOU). USEPA has not identified any significant sources of VOC and 1,4-dioxane contamination in the WNOU. Hence, the VOC and 1,4-dioxane contamination is migrating into the WNOU from upgradient industrial sources within the Main San Gabriel Basin. The contamination being addressed by the interim remedy largely appears to originate from the South El Monte OU, located immediately north of the WNOU.

In 1999, USEPA issued an amendment to the ROD for the WNOU which identifies the need for a groundwater extraction barrier approximately ¼ mile north of the Whittier Narrows Dam (Appendix E) to halt the flow of contamination traveling towards Central Basin. To form an effective containment barrier, five or six extraction sites were required to remove and treat a total of about 12,000 gpm extracting from both the shallow and intermediate zone aquifers. Because USEPA was implementing this remedy under its “fund lead” authority, the responsibility for administering the design, construction and operation of the comprehensive cleanup facility was USEPA. In 2002, USEPA finished construction of the comprehensive cleanup facility.

In recognition of the immediate threat to downgradient water supplies in Central Basin and the potential for significant delays associated with a large-scale treatment facility, WQA had prescribed a phased approach (Figure 6) that addressed the most severe threats first with an immediate early action at well EW4-3. WQA prescribed that well EW4-3 be integrated into the comprehensive potable treatment facility proposed by USEPA. WQA implemented the first component of this early action with the construction of a temporary treatment facility located at well EW4-3. Water from well EW4-3 was treated and temporarily discharged into nearby surface drainages until the full-scale remedy could be implemented. USEPA has completed construction of their centralized treatment facility and integrated well EW4-3 into their extraction system.

In 2002, the City of Whittier reached an agreement with USEPA to take most of the water extracted from the intermediate zone aquifer and use it as a potable supply for its customers. Water from the shallow zone is extracted at a reduced rate and is being discharged into Legg Lake.

In 2006, USEPA conducted a five-year review of the WNOU remedy to ensure that it remains protective of human health and the environment. USEPA concluded that the remedy for the WNOU is protective of human health and the environment.

In 2011, USEPA conducted its second five-year review of the WNOU remedy. USEPA concluded that in the shallow zone the extent of contamination has shrunk dramatically since the remedy construction was completed in 2002 and that contaminant concentrations have continued to decline consistently over the last five years (2006 to 2010). There are currently no shallow zone MCL exceedances in the WNOU, indicating that continued extraction is not needed to meet the goals of the remedy and was ceased in 2013.

As of September 30, 2019, the WNOU shallow zone remedy project has treated approximately 30,066 acre-feet of contaminated groundwater and has removed approximately 1,619 lbs. of VOCs.

USEPA's second five-year review also reports that in the intermediate zone the extent of intermediate zone contamination downgradient of the WNOU extraction wells has declined dramatically since remedy extraction began in 2002. These continued concentration declines have occurred despite intermediate zone extraction averaging

less than 3,300 gpm over the last five years. This provides strong evidence that the remedial objectives (hydraulic control of migrating contamination) can be met at a lower extraction rate than the current intermediate zone target extraction rate of 6,000 gpm.

In May of 2013, DTSC assumed operation of the WNOU remedy from USEPA. DTSC subsequently entered into a long term operational agreement with SGVWC in which SGVWC will use the treated intermediate zone water supply in its service area. Currently SGVWC is operating the treatment facility and discharging the water into Legg Lake while additional infrastructure is being constructed to allow SGVWC to take the treated water into its existing distribution system.

In 2018, DTSC received Proposition 1 funding that will be used to add additional infrastructure to return the WNOU intermediate zone remedy back to a potable water supply project.

As of September 30, 2019, the WNOU intermediate zone remedy project has treated approximately 56,458.65 acre-feet of contaminated groundwater and has removed approximately 1,832.20 lbs. of VOCs.

5. PUENTE VALLEY OPERABLE UNIT

The Puente Valley Operable Unit ("PVOU") includes most of the City of Industry, portions of the City of La Puente, and portions of unincorporated Los Angeles County. Groundwater and soil are contaminated with various VOCs, 1,4-dioxane, perchlorate, and hexavalent chromium. Groundwater contamination occurs primarily in the shallow and intermediate groundwater zones of the aquifer, with most of the contaminant mass found in the shallow groundwater zone. VOC concentrations exceed drinking water standards in both the shallow and intermediate zones.

In 1998, the USEPA released the Interim ROD for the Puente Valley Operable Unit ("PVOU") that described, in part, USEPA's selected remedy for both shallow and intermediate zone contamination. It stated that the remedial action for the shallow zone shall prevent contaminated groundwater from migrating beyond its current lateral and vertical extent as described in the Remedial Investigation/Feasibility Study ("RI/FS"). The remedial action selected by USEPA for the intermediate zone shall prevent contaminated groundwater from migrating beyond the SGVWC B7 Well Field Area (an

area defined by 14 wells in the immediate area of SGVWC's B7 Well Field). Furthermore, perchlorate was recently discovered in the B7 Well Field Area causing USEPA to further evaluate remedy options.

In 2005 USEPA issued an ESD for the PVOU mandating treatment for all ECs in both the shallow and intermediate zones (Appendix E).

In 2009, the PVOU remedial activity was stalled due to conflicting interpretations by two separate divisions of the USEPA, namely the Superfund Division and the Water Division which enforces the Clean Water Act. As a result, USEPA required additional feasibility studies to be conducted to re-evaluate alternatives for the disposition of the treated water in both the shallow and intermediate zone remedies.

- *Shallow Zone North Remedy*

In 2005 USEPA entered into a CD with United Technologies Corporation ("UTC") to perform the shallow zone remedy north of Puente Creek in the PVOU. The shallow zone remedy will consist of the installation of ten extraction wells, associated pipelines and a centralized treatment facility at the mouth of the valley (Figure 7). In 2008, UTC completed the installation of all extraction wells and is currently securing pipeline access agreements. Since water from the shallow zone is not suitable for potable use due to high Nitrates and TDS, UTC originally planned to discharge the treated water into a neighboring creek under a discharge waiver from the LARWQCB. However, recent changes to regulations have eliminated that discharge option. .

In 2011, due to the continued migration of the contaminant plume USEPA requested that the shallow zone remedy be completed in phases. Phase I consists of migration control of the eastern plume via extraction from well S05, treatment for VOCs and ECs and re-injection of the treated water into the shallow zone aquifer.

In 2019, UTC amended its Consent Decree with the USEPA to allow re-injection as a potential end use. With this modification UTC has ramped up is remedial design of the shallow zone north remedy.

- *Shallow Zone South Remedy*

The Northrop Grumman Systems Corporation ("Northrop") is responsible for cleanup of the shallow contamination south of Puente Creek emanating from the former Benchmark Technology Facility. The Benchmark facility is understood to be the largest single source of VOC and 1,4-Dioxane contamination in the eastern portion of the shallow aquifer at the mouth of the Puente Valley. This portion of the shallow zone remedial action was part of the remedy in the 1998 ROD. In 2003, the groundwater contamination downgradient of the former Benchmark facility was to be addressed by a facility-specific cleanup through a Cleanup and Abatement Order ("CAO") administered by the LARWCQB. However, the cleanup was never implemented and in May 2010, lead agency status was transferred to USEPA. Therefore, the groundwater contamination downgradient of the Benchmark facility is again being addressed as part of the shallow zone remedy.

- *Intermediate Zone Remedy*

In 2008, Northrop finished construction of the six extraction wells and a portion of the pipeline that were approved by USEPA as part of the intermediate zone remedy at the mouth of the valley (Figure 8). At that time the remedy called for contaminated water to be treated at SGVWC's existing Plant B7 VOC facility. Treatment would consist of an existing air-stripper, liquid phase granular activated carbon, ion-exchange and advanced oxidation/ultraviolet technologies for the treatment of VOCs and all ECs. In addition, Northrop has reached an agreement in principal for SGVWC to accept the treated water and to provide a blending component with SGVWC's Plant B24 wells. SGVWC has constructed a transmission main from its B6 service area to its Plant B24 to facilitate blending of the PVOU treated water.

In 2013, water quality samples indicated elevated levels of TDS and nitrates that would require a much greater volume of blend water to be compatible with SGVWC's distribution system. As a result it was determined that additional treatment consisting of reverse osmosis would be required. As a result SGVWC's Plant B7 site is not likely to accommodate the additional treatment because of its size. Northrop immediately began working with the City of Industry to purchase an alternative site that would be large enough for all treatment facilities.

In 2014, Northrop acquired a property from the City of Industry large enough to site both Intermediate Zone and Shallow Zone South treatment facilities. The current conceptual plan is to have LPVCWD operate the Intermediate Zone Remedy and utilize the treated water in its distribution system.

Pursuant to USEPA's request and agreement with Northrop, SGVWC in October 2016, properly destroyed Well B7C and decommissioned the accompanying treatment system. SGVWC's Well B11B and accompanying treatment system continues to operate in the PVOU.

In 2018, Northrop will complete the construction of an additional extraction well for a total of 7 wells to capture contamination at the toe of the plume. In addition it is anticipated that Northrop will begin construction of the treatment facility.

As of September 30, 2019, Plants B7 and B11 have treated approximately 96,678.98 acre-feet and have removed approximately 5,159.40 lbs. of VOCs.

6. AREA 3 OPERABLE UNIT

The Area Three Operable Unit ("ATOU") covers 19 square miles in the western portion of the San Gabriel Valley, Area 3 is located west of Rosemead Blvd, north of I-10, and south of the Raymond Fault (which separates the main San Gabriel Basin from the Raymond Basin to the northwest). Area 3 includes all of the City of San Gabriel, as well as portions of the Cities of Alhambra, Rosemead, Temple City, San Marino and South Pasadena. VOCs have been detected in production wells and safeguards are in place to ensure acceptable drinking water quality.

ATOU groundwater is contaminated with VOCs, perchlorate, and nitrate at concentrations exceeding state and federal water quality standards.

In 1999, USEPA began RI/FS investigations in the ATOU. The purpose of the RI/FS is to determine the nature and extent of soil and groundwater contamination and to identify likely sources. USEPA has completed the installation of additional monitoring wells in order to collect additional data to assess the extent of the contamination and its relationship to suspected source areas. USEPA released the RI in 2010 and is currently evaluating the results to identify cleanup options. Conclusions of the RI will form the basis of an FS to evaluate cleanup alternatives to prevent and eliminate the

release or threat of release of contaminants at the site. USEPA anticipates the release of the FS sometime mid-2020. The focus of the FS is to develop, screen and evaluate cleanup alternatives. During development of the FS, USEPA continues investigations to address remaining uncertainties identified in the RI

ATOU VOC contamination has impacted a number of the City of Alhambra's ("Alhambra") wells. In 2001, Alhambra started operation of Phase I of its pump and treat program. Phase I consists of a VOC treatment facility at Well No. 7. In 2008, Alhambra finished most of the construction of Phase II of its pump and treat program. Phase II consists of VOC and Nitrate treatment technologies at Well No. 8 and has the ability to treat contaminated groundwater from Wells Nos. 8, 11 and 12. Alhambra finished construction of Phase II in 2008 and it is operational. All water treated from both Phase I and Phase II projects is used by Alhambra in its distribution system (Figure 9). Both phases of the Alhambra's pump and treat program received reimbursement from WQA's federal funding programs. In addition, California American Water Company (CAWC) has informed USEPA of its rising contamination found at its Rosemead and Grand wells located in the south eastern ATOU.

In 2019, the City of South Pasadena ("CSP") responded to new regulations that more strictly limit the MCL of 1,2,3-TCP. The CSP completed construction of its 1,2,3-TCP treatment facility at the Wilson wellsite.

As of September 30, 2019, Alhambra's treatment facilities have treated approximately 35,286.25 acre-feet of contaminated groundwater and have removed approximately 1,162.30 lbs. of VOCs and nitrates.

APPENDIX B

Appendix B

NON-OPERABLE UNIT SPECIFIC PLANS

The overwhelming amount of time spent planning remedial actions is understandably focused on projects that are related to a specific OU, i.e., Baldwin Park, El Monte, South El Monte, Whittier Narrows, and Puente Valley. This is because USEPA's enforcement actions in these areas make headlines and demand public attention. However, necessity for cleanup in the Basin is not limited to the specific locations designated by USEPA. Because the USEPA mandate is limited to defining only how a plume of contamination may be contained, their RODs fail to address the remedial actions necessary to restore water supply wells that are not a part of their official cleanup plan. Furthermore, many contaminated water supply wells are facing imminent shutdown or have already been shut down and remain in this state largely due to overburdened regulatory agencies. WQA prescribes the treatment of the water at these wells to restore the water supplies and to remove contaminant mass from the Basin thus enhancing future water supplies. Table 4 provides a list of contaminated wells that are not part of any OU specific plan. Figure 10 shows the locations of these wells relative to Basin contamination.

Over the past several years the City of Monrovia ("Monrovia") has experienced rising levels of VOCs at their Myrtle Well Field. In 2007, Monrovia finished construction of a VOC treatment facility to help contain contamination and restore lost water supply.

As of September 30, 2018, Monrovia's treatment facility has treated approximately 68,407.88 acre-feet of contaminated groundwater and has removed approximately 1,165.00 lbs. of VOCs.

In addition to Monrovia, the City of Arcadia had to construct a VOC treatment facility at their Longden Well Field directly down gradient from the Monrovia Well Field and is currently investigating the need for additional treatment at their Live Oak Well.

As of September 30, 2018, Arcadia's Longden treatment facility has treated approximately 70,385.37 acre-feet of contaminated groundwater and has removed approximately 740.50 lbs. of VOCs.

APPENDIX F

SAN GABRIEL BASIN WATER QUALITY AUTHORITY
Policy and Procedures Manual

ADMINISTRATIVE PROCEDURES

No. 38

Date: 2/12/01 Revised: 11/21/05

WQA PROJECT PARTICIPATION

Purpose

WQA's focused role is primarily to facilitate projects and to seek and provide funds for remediation projects in the San Gabriel Valley. As a public agency, WQA is accountable to the general public. Therefore, the WQA shall apply a consistent process to provide opportunities for input by the public and to qualify projects for WQA participation.

The WQA will also seek to recover costs from potentially responsible parties (PRPs), whenever practicable and consistent with the policies and procedures of the WQA. To assist in the success of such cost recoveries, the WQA will evaluate the projects submitted to determine whether the projects are "necessary" and "consistent" with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). For cost recovery purposes, remediation projects will be considered "necessary" if there is evidence of a release of hazardous substances, the project is designed to mitigate the impact of such releases and the project is needed to meet regulatory requirements for remediation and/or water supply. The determination of necessity shall be based on data of sufficient quality and quantity to satisfy the WQA. Remediation projects will be considered "consistent" with the NCP if the remediation project is in substantial compliance with the applicable requirements of the NCP and results in a CERCLA-quality clean-up. Specific potentially applicable NCP requirements are addressed below.

Criteria to which a proposed project shall be measured, but not required, are as follows:

- Project conforms and furthers the objectives of WQA's Section 406 Plan or the intent thereof
- Ranking on priority list if multiple requests are competing for available funds
- Project is "necessary" and "consistent" with the NCP
- Requesting party to pay no less than 25% of capital costs
- Funding for operation and maintenance secured from funds other than WQA assessment
- Implementation of construction anticipated within one year of executed agreement

Phase I

A written request for WQA project participation by a Project Committee or any other entity shall be considered by the full board on a preliminary basis. Staff shall identify potential funding sources and shall identify all of the criteria the proposed project meets. If approved by a simple majority of the full board, staff will then allocate resources to implement Phase II. Staff shall begin the process of determining whether the project is a California Environmental Quality Act ("CEQA") Project and, if so, whether it is exempt from CEQA requirements.

Phase II

- WQA's staff engineer shall prepare a technical report for review by the WQA Engineering Committee.
    - The report shall analyze and review all pertinent documentation, including, but not limited to, WQA's Section 406 Plan, U.S. EPA's documents, whether the project is "necessary" and "consistent" with the NCP, Watermaster's Section 28 Application and documentation supporting project cost estimates provided by the project owner.
    - The report shall present the alternatives considered and an analysis of the cost and feasibility of such alternatives.
    - The report shall also present the basis for the selection of the proposed alternative.

- In the event costs are recovered for project capital and/or O&M from PRPs, a separate agreement may be developed, independent of or jointly with, the affected water purveyor(s). Such agreement and the terms thereof shall supersede any of the terms contained within this procedure. This may include allocation of direct and/or indirect labor costs, overhead, etc. If such agreement is silent, then terms contained within this section (Phase II) shall have primacy.

- WQA staff, in coordination with WQA legal counsel and the requesting party or project committee, shall develop a funding agreement or FFPA letter agreement for review by the WQA Administrative/Finance Committee.
    - As part of the agreement, legal counsel shall identify project components which may not be legally recoverable from responsible parties, under CERCLA or the WQA Act, or reimbursable from proposed funding source(s), if any. Staff shall provide oral communications to the committee regarding legal counsel's review and provide recommendations, if appropriate, for modifications to the project to address NCP requirements. The agreement may include the following minimum components:
        - A project description;
        - A statement of project costs which shall include an estimate for the major components of the project as well as estimates for internal costs such as direct labor, fringe benefits, and overhead.
        - Definition of capital and O&M costs (i.e., overhead, legal costs, contingency, etc.)
            - Allowable costs are those costs included in "WQA's Allowable Project Capital and Operations and Maintenance Costs", included as Attachment "A".

- Internal overhead of all parties to the agreement may be included in the capital and O&M costs but cannot exceed **5% (Five percent)** of the total costs of the project. Each party shall be responsible for determining the legally acceptable rate of their respective overhead and for the documentation and accounting thereof.
- A maximum 10% contingency shall be considered a part of capital cost
- WQA's costs for CEQA compliance will be considered capital costs, unless expressly excluded.

- A process for payment of invoices;
- An agreement termination date;
- Change order provisions shall require approval by the project committee or parties to the agreement;
- Funding apportionments;
- Project owner shall be responsible for compliance with all state and federal regulatory requirements, contract bidding, and any other regulations pertinent to the respective funding sources [i.e., CEQA, USBR, competitive bidding, etc.]. WQA shall be responsible for the coordination of federal environmental requirements, if applicable, and will also assist the requesting party with any project-related required process to the extent needed, including serving as the lead agency for purposes of CEQA.
- The project owner shall work with the WQA to ensure that the project is managed consistent with the requirements of the NCP for remedial design, construction and operation and maintenance, if applicable.
- The project owner shall work with the WQA to assure that the remediation project conforms with a health and safety program consistent with 29 CFR 1910.120, if applicable.
- Modification to the agreement shall require approval by parties to the agreement.

PHASE III

- In conjunction with the preparation of the staff engineer report and funding agreement, if the project is not exempt from CEQA requirements, staff shall begin an initial study required by CEQA. All required CEQA documentation shall be completed before the implementation of Phase III.

- A public notice of the proposed project will be mailed, by the WQA, to interested individuals and published in a local newspaper. The notice will include a brief summary of the proposed project and the proposed funding for the project and describe how interested individuals can provide input to the WQA. A public meeting shall be held, within the comment period, to describe the proposed project and the proposed funding by the WQA. At least 30 days notice shall be provided to receive public comments. A summary of the WQA staff engineer's report, describing the proposed project, will be made available to interested members of the community, and be available at the public meeting and at the WQA offices.

- A record of the public meeting shall be kept and a written summary of the significant public comments shall be prepared and presented to the WQA Board.

- Based on the original proposal and any modifications needed as a result of public input the final proposed agreement will be presented to the WQA Board.

- If the proposed project changes significantly, based on public comments, another public comment period will be afforded to interested parties.

Phase IV

- Approval for execution of a proposed agreement by the Executive Director shall be provided by a simple majority of the full board.
    - A written agenda submittal providing background and project summary and the comments received from the public shall be provided to the full board and shall include a draft funding agreement and the staff engineer report. The submittal shall certify that legal counsel has approved the draft agreement, unless a final review is required. In this case, staff may recommend approval contingent upon legal counsel's final approval. Any material changes shall require a subsequent approval by a simple majority of the board.

Phase V

- Project implementation shall require continuous WQA staff oversight.
    - Project invoices, regardless of the presence of a project committee, shall be processed through WQA's internal, multi-level review process to provide redundant oversight.
    - Bid documents shall be reviewed by WQA staff to verify that the project requirements are met by responsible bidders and that the chosen bidder is selected considering technical and managerial qualifications, experience, proposed costs and other relevant factors.
    - The remediation project will be designed, constructed and operated consistent with the proposal approved by the WQA Board.
    - If the remediation project that is constructed differs significantly from the proposed remediation project submitted for public comment, an explanation of significant differences shall be prepared and presented to the public for comment in a manner consistent with the original proposal.
    - The project owner shall work with the WQA to verify that the remediation project continues to conform with a health and safety program consistent with 29 CFR 1910.120
    - The project owner shall work with the WQA to establish a system for project implementation that includes accurate accounting of costs, proof of payment of and maintenance of invoices and other cost accounting documentation.
    - Progress reports shall be provided by WQA's staff engineer at Engineering Committee and full board meetings once per month minimum.

ATTACHMENT A

SAN GABRIEL BASIN WATER QUALITY AUTHORITY
ALLOWABLE PROJECT CAPITAL AND OPERATION AND MAINTENANCE COSTS

ALLOWABLE PROJECT CAPITAL COSTS

(Copies of Invoices Required on Items 1-9)

1. Outside Engineering & Design
2. Equipment
3. Contractor/Sub-Contractor
4. Energy/Utilities
5. Permit Fees
6. Laboratory Costs
7. Additional Required Property & Liability Insurance
8. Outside Legal Fees
   a. General preparation and review of project documents (RFPs, contracts, etc.)
9. Land/Property
10. Interest
11. Direct Labor & Fringe (Summary Breakdown Req'd.)
    a. Directly tracked labor (timesheets req'd.)
    b. Medical benefits
    c. Worker's Compensation
    d. Payroll taxes
    e. Pension/Retirement
    f. Other employee benefits
12. Overhead (Summary Breakdown Req'd.)
    a. Property taxes
    b. General Property & Liability Insurance
    c. Administrative & Management Salaries & Benefits
    d. Vehicle Expense (not mileage)
13. Other Tracked Direct Costs (Breakdown Documentation Req'd.)
    a. Postage
    b. Shipping
    c. Copies/Facsimiles
    d. Phone
    e. Vehicle mileage
    f. Other tracked direct costs
14. Unique cost items for a specific project (Requires approval by WQA)

ALLOWABLE PROJECT OPERATION & MAINTENANCE COSTS

(Copies of Invoices Required on Items 1-9)

1. Laboratory Costs
2. Consumables
3. Energy/Utilities

4. Incremental energy/utilities costs (Treatment Plant)
5. Permit Fees
6. Contractor/Sub-Contractor
7. Outside Legal Fees
   a. General preparation and review of project documents (RFPs, contracts, etc.)
8. Equipment
9. Additional Required Property & Liability Insurance
10. Direct Labor & Fringe (Summary Breakdown Req'd.)
    a. Directly tracked labor (timesheets req'd.)
    b. Medical benefits
    c. Worker's Compensation
    d. Payroll taxes
    e. Pension/Retirement
    f. Other employee benefits
11. Overhead (Summary Breakdown Req'd.)
    a. Property taxes
    b. General Property & Liability Insurance
    c. Administrative & Management Salaries & Benefits
    d. Vehicle Expense (not mileage)
12. Other Tracked Direct Costs (Breakdown Documentation Req'd.)
    a. Postage
    b. Shipping
    c. Copies/Facsimiles
    d. Phone
    e. Vehicle mileage
    f. Other tracked direct costs

APPENDIX G

Appendix G

MEMBER WATER DISTRICT PROJECTS

The WQA, in coordination with its three member water districts, USGMWD, TVMWD and SGVMWD, incorporates the following projects by reference. The projects are sponsored, administered and implemented by the water districts. It is WQA's determination that these projects: 1) directly benefit the Basin; 2) help augment WQA's groundwater cleanup activities; and therefore 3) help enhance the long-term reliability of the Basin's water supply.

Description	Estimated Budget
1) Fulton Plant Water Resource Enhancements Utilization of District's Fulton Property to develop groundwater well, nitrate removal facility, 1.0 MG reservoir, and appurtenant piping. (TVMWD)	$4,000,000
2) Covina Irrigating Company Water Treatment & Supply Plan Upgrade of surface water treatment processes at Temple Plant and addition of a groundwater treatment facility and transmission pipelines. (TVMWD)	$7,000,000
3) Imported Water Spreading Connection at San Dimas Wash Raw water service connection to MWD's Foothill Feeder to replenish groundwater in the Basin on behalf of Golden State Water Company. (TVMWD)	$1,500,000
4) Extension of PM-26 Replenishment Service Connection Pipeline facilities and turnout from existing connection in Little Dalton Wash to Big Dalton Wash for enhanced groundwater replenishment opportunities in the Basin. (TVMWD)	$2,000,000
5) TVMWD – SGVMWD Interconnection Raw water connection between District's Miramar Plant and nearby Azusa~Devil's Canyon Pipeline. (TVMWD)	$1,750,000

6) Alosta Connection $2,000,000

Provide operational flexibility to Upper District/MWD to provide untreated imported water to Canyon Basin area. (SGVMWD)

7) Extension of SGVMWD Pipeline $10,000,000

Provide groundwater recharge to Raymond Basin and to Eaton S.B. (SGVMWD)

8) Wellfield Outside of Alhambra Pumping Hole $10,000,000

Provide alternative sources of supply to various purveyors to reduce the drawdown in the pumping hole area. Consists of new wells, pumps and transmission pipeline. (SGVMWD & USGVMWD)

9) Suburban Water Systems Improvements $5,000,000

Infrastructure improvements including well(s) and transmission pipelines to convey groundwater. (USGVMWD)

10) New Spreading Ground Development $10,000,000

Infrastructure improvements including well(s) and transmission pipeline to convey groundwater. (USGVMWD)

TABLES

SAN GABRIEL BASIN WATER QUALITY AUTHORITY
SAN GABRIEL BASIN GROUNDWATER QUALITY MANAGEMENT AND REMEDIATION PLAN

Table 1 - Major WQA Activities and Milestones

Month	Year	Area	Activity/Milestone
Sept.	2018		WQA Participates as a founding partner of the 5th San Gabriel Valley Water Forum
Sept.	2018	PVOU	**WQA held a groundbreaking ceremony for the Intermediate Zone Remedy****
Mar.	2018	SEMOU	**SWRCB awards $118,264 in Proposition 1 funding for the Whitmore Street Groundwater Remediation Facility Expanded Site Investigation****
Mar.	2018		WQA celebrates its 25th aniversary
Feb.	2018	EMOU	**Eastside Intermediate Zone Remedy facilities completed**
May	2018	BPOU	BPOU Project Agreement Extension Completed
Sept.	2016		WQA Participates as a founding partner of the 4th San Gabriel Valley Water Forum
Jan.	2016	EMOU	**Eastside Shallow Zone Remedy facilities completed**
Nov.	2015	All	Initiated comprehensive basinwide database cooperation between WQA, USEPA and Watermaster
Jul.	2015	All	Final Award for IRWMP funding from Prop 84
Apr.	2015	BPOU	Initiated BPOU Project Agreement Extension Negotiations
Nov	2014	ALL	WQA re-allocates $5.9M in federal funding to qualified projects
Nov	2014	ALL	Proposition 1 approved by voters
Oct	2014		WQA Participates as a founding partner of the 3rd annual San Gabriel Valley Water Forum
July	2014	ALL	Los Angeles Regional Water Quality Control Board adopts WQA's basinwide NPDES Discharge Permit
April	2014	BPOU	WQA partners with Covina Irrigating Company in hosting a groundbreaking ceremony for CIC Baldwin Pumping Plant
Oct.	2013		WQA participates as a founding partner of the 2nd annual San Gabriel Valley Water Forum
Sept.	2013		Governor signs SB 429 extending WQA's sunset date to July 1, 2030
Jan.	2013	SEMOU	WQA concluded settlement agreements with 72 responsible parties encompassing 9 Consent Decrees
Dec.	2012	SEMOU	**SWRCB awards $950,646 to WQA for Whitmore Street Groundwater Remediation Facility****
Oct.	2012	EMOU	Dedication of the El Monte Operable Unit Westside Shallow Zone Remedy Project
Aug.	2012		WQA participates as a founding partner of the 1st annual San Gabriel Valley Water Forum
Apr.	2012	ALL	Secured $10M in Proposition 84 funding for four projects
Jan.	2012	EMOU	**Westside Shallow Zone Remedy facilities completed**
Aug.	2011	ALL	WQA submitted applications on behalf of 5 projects for the second round of Proposition 84 funding
Jun.	2011	ALL	WQA launched its social media campaign on Facebook, Twitter and YouTube
Sept.	2010	ALL	AB153 passes to allow future WQA bond funding to be used for treatment and remediation
Mar.	2010	SEMOU	Initiated reimbursements from Consent Decree settlements
Mar.	2009	ALL	Congress passed H.R. 146 which included an additional $50 million for the Restoration Fund
Oct.	2008	ATOU	**City of Alhambra's Phase II treatment facility completed**
Oct.	2008	SEMOU	Dedication of WQA's Whitmore Street groundwater remediation treatment facility
Nov.	2007	SEMOU	**1-4 Dioxane & VOC Treatment Project completed at Bozung site****
Nov.	2007	SEMOU	Two Consent Decrees filed by U.S. EPA as a result of settlements between WQA, affected purveyors, several PRPs, U.S. EPA & DTSC.
Oct.	2007		Governor signs AB 1010 extending WQA's sunset date to July 1, 2017
Sept.	2007	SEMOU	**SWRCB awards $1.4M to WQA for project at Bozung site (capital & O&M)****
Jan.	2007	BPOU	**San Gabriel Valley Water Company B5 treatment facility completed**
Jan.	2007		Congressman Dreier Introduced HR 123 to raise authorization cap of the Restoration Fund by $50M
Oct.	2007		**City of Monrovia's Myrtle Wellfield treatment facility completed**
Jun.	2006	SEMOU	**Monterey Park Well No. 5 perchlorate blending facility completed**
Aug.	2005	BPOU	**Valley County Water District SA-1 treatment facility completed**
Nov.	2004	SEMOU	**San Gabriel Valley Water Company Plant No. 8 secondary barrier completed**
Apr.	2004	SEMOU	**Plant No. 8 sentinel well completed**
Feb.	2004	SEMOU	**Monterey Park Well No. 12 secondary barrier completed**
Jan.	2004	SEMOU	**Monterey Park Well No. 15 completed**
Jul.	2004	BPOU	**San Gabriel Valley Water Company B6 treatment facility completed**
Jun.	2004		Proposition 50 passes and includes $7M loan for WQA

Note: Groundwater remediation projects in **BOLD** were completed with funding participation from WQA. **Projects solely funded and operated by WQA.

SAN GABRIEL BASIN WATER QUALITY AUTHORITY
SAN GABRIEL BASIN GROUNDWATER QUALITY MANAGEMENT AND REMEDIATION PLAN

Table 1 (cont.) - Major WQA Activities and Milestones

Month	Year	Area	Activity/Milestone
Nov.	2003	SEMOU	**Monterey Park Well Nos. 1,3,10 treatment facility completed**
Oct.	2003	SEMOU	**Monterey Park Well No. 12 Delta Plant perchlorate treatment facility completed**
May	203		Governor signs AB 334 extending WQA's sunset date to July 1, 2010
Apr.	2003	SEMOU	**San Gabriel Valley Water Company G4 treatment facility completed**
Mar.	2003	BPOU	BPOU Project Agreement completed
Feb.	2003	EMOU	**Golden State Water Company Encinita Phase III treatment facility completed**
Apr.	2002	SEMOU	Led negotiations with settling parties (G10 & G13) and administered settlement funds
Mar.	2001	SEMOU	**Golden State Water Company SG1 & SG2 treatment facility completed**
Apr.	2000	SEMOU	**San Gabriel Valley Water Company Plant No. 8 treatment facility completed**
Mar.	2000		WQA Board adopts the Amended San Gabriel Basin Groundwater Quality Management & Remediation Plan and updates it annually thereafter
Feb.	2000	BPOU	**LPVCWD treatment plant construction completed**
Jan.	2000	WNOU	**Whittier Narrows Barrier project completed****
Aug.	1999	Area 3	**Alhambra Phase I treatment facility completed**
May	1999	SEMOU	Led development of ROD and implementation of projects
Apr.	1999	SEMOU	WQA-sponsored investigation and design study completed
Jan.	1999	ALL	Spear-headed legislative effort (H.R. 910) with San Gabriel Valley Water Association to acquire $75M in federal funding to accelerate cleanup
Jul.	1999	SEMOU	**Monterey Park Well No. 5 treatment facility completed**
Jul.	1999	SEMOU	**South El Monte Barrier project completed****
Jun.	1999	SEMOU	**Monterey Park Well No. 12 air stripping treatment facility completed**
Nov.	1998	EMOU	**Golden State Water Company Encinita Phase I & II treatment facility completed**
Oct.	1998	BPOU	WQA first to authorize $1.5M to expedite LPVCWD Perchlorate and NDMA treatment facility construction and acquires 25% USBR funding
Mar.	1998	EMOU	**Clayton Manufacturing treatment facility construction completed**
Jul.	1998	EMOU	WQA sponsored investigation and design study completed
Jul.	1998	EMOU	WQA and PRPs form partnership to conduct voluntary design and implementation of early action cleanup
Sep.	1997	BPOU	WQA successfully acquires $1.7M from a state administered escrow funds and reimburses BPOU producer for cleanup costs
Nov.	1996	EMOU	**Crown City Plating/Hermetic Seal treatment facility construction completed**
Feb.	1996	BPOU	State and Federal Environmental Documentation Completed for BPOU cleanup
Feb.	1996	BPOU	Final design and construction administration transferred to Three Valleys MWD
Jun.	1996	BPOU	Discovery of perchlorate contamination
Nov.	1995	SEMOU	WQA and PRPs form partnership to conduct voluntary investigations and remedy design study
May	1995	BPOU	**Big Dalton treatment facility completed**
Apr.	1995	BPOU	WQA and PRPs form partnership for voluntary pre-design leading to $4.39M in contributions from PRPs
Feb.	1995	Monrovia	**Monrovia treatment facility completed**
Feb.	1995	EMOU	WQA and PRPs form partnership to conduct voluntary investigations and remedy design study
Aug.	1994	BPOU	WQA develops Consensus Approach plan integrating water supply and cleanup
Jun.	1993		WQA Board adopted the San Gabriel Basin Groundwater Quality Management & Remediation Plan (406 Plan)
Jan.	1992	BPOU	**Arrow Well treatment facility completed**
Sep.	1992		Governor signs SB 1679 which establishes WQA

Note: Groundwater remediation projects in **BOLD** were completed with funding participation from WQA. **Projects solely funded and operated by WQA.

REVIEWED 02/13/2020

SAN GABRIEL BASIN WATER
QUALITY AUTHORITY
SAN GABRIEL BASIN
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Table 2- Estimated Costs of
WQA-Assisted Projects
Within Operable Unit Areas
Plans per Fiscal Year

OPERABLE UNIT	FISCAL YEAR 2019-2020		FISCAL YEAR 2020-2021		FISCAL YEAR 2021-2022		FISCAL YEAR 2021-2022		FISCAL YEAR 2022-2023		FISCAL YEAR 2022-2023	
	CAPITAL	O&M	CAPITAL	O&M	CAPITAL	O&M	CAPITAL	O&M	CAPITAL	O&M	CAPITAL	O&M
BALDWIN PARK												
LPVCWD (2)		1,000,000		1,000,000		1,000,000		1,000,000		1,000,000		1,000,000
LPVCWD New Well & Single Pass Perchlorate Treatment (2)		438,000		438,000		438,000		438,000		438,000		438,000
SGVWC B6 (7)	1,500,000	4,600,000		4,600,000		4,600,000		4,600,000		4,600,000		4,600,000
SGVWC B5 (2)		3,300,000		3,300,000		3,300,000		3,300,000		3,300,000		3,300,000
VCWD Arrow/Lante (2)		5,200,000		5,200,000		5,200,000		5,200,000		5,200,000		5,200,000
VCWD Nixon Wells Treatment (14)		600,000		600,000		600,000		600,000		600,000		600,000
California Domestic Well 14-NDMA, VOC (2), (3)		1,000,000		1,000,000		1,000,000		1,000,000		1,000,000		1,000,000
California Domestic Well 14-Perchlorate (2), (3)												
California Domestic Well 14 Rehabilitation (14)												
California Domestic New Well and Treatment (14)												
SWS Extraction Wells & Pipelines (2), (3)		350,000		350,000		350,000		350,000		350,000		350,000
CIC Baldwin Wells Pumping Plant (14)												
EL MONTE												
West Shallow Extraction (4)	1,500,000	1,400,000		1,400,000		1,400,000		1,400,000		1,400,000		1,400,000
East Shallow Extraction (5)		630,000		630,000		630,000		630,000		630,000		630,000
GSWC Encinita Plant (1)		184,450		184,450		184,450		184,450		184,450		184,450
ESPSD/City of El Monte East Deep Extraction (5)		330,000		330,000		330,000		330,000		330,000		330,000
SOUTH EL MONTE												
Monterey Park No.5 (1)												
Monterey Park No.5 Perchlorate Blending (1)		17,000		17,000		17,000		17,000		17,000		17,000
Monterey Park Centralized UV (6)		510,000		510,000		510,000		510,000		510,000		510,000
Monterey Park No.12 & No.15 VOC (1)		522,000		522,000		522,000		522,000		522,000		522,000
Monterey Park No. 15 Well and Pipeline (1)		104,000		104,000		104,000		104,000		104,000		104,000
Monterey Park No.12 & No.15 Secondary Barrier (1)		180,000		180,000		180,000		180,000		180,000		180,000
SGVWC Plant 8 (1)		175,000		175,000		175,000		175,000		175,000		175,000
SGVWC Plant 8 Secondary Barrier (1)		365,000		365,000		365,000		365,000		365,000		365,000
SGVWC Plant 8 Perchlorate, 1,4-Dioxane (14)	1,500,000	750,000		750,000		750,000		750,000		750,000		750,000
SGVWC Plant G4 (1)												
GSWC SG1 & SG2 VOC (1)		179,000		179,000		179,000		179,000		179,000		179,000
GSWC Nitrate Blend (8)		10,850		10,850		10,850		10,850		10,850		10,850
WQA WSGRF Project		167,000		167,000		167,000		167,000		167,000		167,000
WHITTIER NARROWS												
DTSC Intermediate Zone Remedy	3,000,000	620,000	8,000,000	620,000	2,000,000	620,000		620,000		620,000		620,000
PUENTE VALLEY												
UTC Shallow Zone Remedy (11)	5,000,000		10,000,000	1,280,000		2,000,000		2,000,000		2,000,000		2,000,000
Northrop Intermediate Extraction (12)	1,500,000	1,479,350		1,479,350		1,479,350		1,479,350		1,479,350		1,479,350
Northrop Benchmark Extraction (12)	15,000,000		3,000,000	1,000,000		2,000,000		2,000,000		2,000,000		2,000,000
AREA 3												
Alhambra Water Treatment Facilities Phase I (1)		200,000		200,000		200,000		200,000		200,000		200,000
Alhambra Water Treatment Facilities Phase II (13)		1,080,338		1,080,338		1,080,338		1,080,338		1,080,338		1,080,338
TOTAL COSTS	29,000,000	25,391,988	21,000,000	27,671,988	2,000,000	29,391,988	-	29,391,988	-	29,391,988	-	29,391,988

Notes:

(1) Existing Projects
(2) BPOU Project Agreement Estimate, May 2002.
(3) Project not included in Operable Unit Specfic Plan, but is includeded in the comprehensive BPOU Project Agreement
(4) West Side Performing Settling Defendants Estimate, November 2017
(5) East Side Performing Settling Defendants Estimate, July 2014
(6) City of Monterey Park Estimate, March 2015
(7) San Gabriel Valley Water Company Estimate,July 2016
(8) Golden State Water Company Estimate, September 2012
(9) Discontinued 2004
(10) U.S Environmental Protection Agency Estimate, February 2004
(11) UTC Estimate, January 2011
(12) Northrop Estimate,July 2018
(13) City of Alhambra Estimate March 2008
(14) FFPA Estimate July 2014

*Costs are present value and do not include monitoring wells and long term monitoring, which may be required by EPA.

SAN GABRIEL BASIN WATER QUALITY AUTHORITY

TABLE 3 - SCHEDULE OF FUNDING FROM POTENTIALLY RESPONSIBLE PARTIES AND OTHER SOURCES
AS OF JUNE 30, 2019

FUNDING FOR CAPITAL AND TREATMENT & REMEDIATION COSTS[1, 2]	SEMOU	BPOU[4]	EMOU[9]	PVOU[9]	ATOU[5]	Other[6]	Total
Responsible Parties	$ 15,681,766	$ 552,679,601	$ 51,053,979	$ 106,207,492	$ -	$ -	**$ 725,622,838**
EPA Federal Grants & Settlements with Responsible Parties[3]	23,673,725	-	-	-	-	-	**23,673,725**
Federal Grants - Bureau of Reclamation	13,923,033	48,357,671	10,188,794	5,320,769	3,163,612	1,692,803	**82,646,682**
State Grants - SWRCB [10]	5,000,000	4,629,416	-	-	-	-	**9,629,416**
State Grants - SWRCB Clean Up & Abatement	2,375,646	-	-	-	-	-	**2,375,646**
State Grants - DTSC	-	2,853,658	-	-	-	684,499	**3,538,157**
State Loan - DTSC (Responsible Parties) [7]	-	6,440,000	-	-	-	-	**6,440,000**
State Funding - Proposition 84 [8]	5,250,000	7,897,473	1,500,000	-	-	-	**14,647,473**
Water Producers	30,481,081	19,028,018	1,283,000	2,500,000	11,244,903	3,909,546	**68,446,548**
Watermaster	-	358,319	-	-	-	-	**358,319**
WQA Sources (Assessments, interest, etc.)	5,315,543	4,328,578	1,608,653	-	-	836,548	**12,089,322**
Total Funding for Capital and Treatment & Remediation	$ 101,700,794	$ 646,572,734	$ 65,634,426	$ 114,028,261	$ 14,408,515	$ 7,123,396	**$ 949,468,126**
ESTIMATED COSTS FOR CAPITAL AND TREATMENT & REMEDIATION [2, 4, 9]	$ 193,027,324	$ 873,123,052	$ 120,163,252	$ 196,916,435	$ 34,623,815	$ 31,851,363	**$ 1,449,705,241**
FUNDING GAP	**$ (91,326,530)**	**$ (226,550,318)**	**$ (54,528,826)**	**$ (82,888,174)**	**$ (20,215,300)**	**$ (24,727,967)**	**$ (500,237,115)**

ANNOTATIONS

1 Funding for Capital Projects and Treatment & Remediation ("T & R") Costs reflects funding obligations per current agreements including funds received to date and future anticipated funds.

2 The dollar amounts for future anticipated funds and estimated costs do not include an inflation factor. Although there are currently agreements in place for the funding of future Capital Projects and T & R Costs, the agreements do not specify the timing of the funding contributions, nor is the funding itself guaranteed.

3 The U.S. Environmental Protection Agency ("EPA") and the U.S. Department of Justice have lodged Consent Decrees which require Responsible Parties to pay a certain amount. WQA has entered into Cooperative Agreements with EPA for $15.27M of these funds. EPA also granted $2.65M of additional Superfund funding to the Cooperative Agreement. EPA is holding an additional $5.75M from the Consent Decrees which will be added to the cooperative agreement at a future date.

4 The BPOU agreement covers Capital Projects as well as T & R Costs for operations through 2027. Treatment costs shown above are projected to be ongoing for an additional 5 to10 years.

5 Area Three Operable Unit (ATOU) does not currently have a source of funding for T & R Costs. Treatment is projected for 15 years.

6 Funding for Capital Projects and T & R has been provided for treatment facilities that are located within the San Gabriel Basin boundaries but are operating outside the bounds of known operable units.

7 State Loan - DTSC, shown above as a source of funding, is being repaid to the State of California by the BPOU Responsible Parties.

8 Funding for Capital Projects includes $9.40M from the second round of Proposition 84, Section 75025, as well as $5.25M in a Proposition 84 IRWMP grant.

9 Responsible Parties are projected to fund T & R Costs for the EMOU and the PVOU for 8 years as required by the Consent Decrees. Treatment Costs shown above are projected to be ongoing for 30 years, therefore the remaining years are considered unfunded.

10 State funding for SEMOU includes $5.0M of Proposition 1 funding which requires a match ranging from 10% to 50%.

SAN GABRIEL BASIN WATER QUALITY AUTHORITY
SAN GABRIEL BASIN GROUNDWATER MANAGEMENT AND REMEDIATION PLAN

Table 4 - Additional Existing and Potential Projects Basinwide
(With and Without WQA Funding)

PURVEYOR	WELL NAME	TREATMENT	ESTIMATED COSTS (3)	CAPACITY (GPM)
ALHAMBRA, CITY OF	09	LGAC	$ 650,000	590
AMARILLO MUTUAL WATER (1)	01 & 02	LGAC	$ 400,000	1,100
ARCADIA, CITY OF	ST. JOSEPH	LGAC/IONEXCHANGE	$ 5,250,000	3,000
ARCADIA, CITY OF	LIVE OAK	LGAC	$ 1,500,000	3,000
AZUSA, CITY OF	GEN. 3	LGAC	$ 1,060,000	3,780
AZUSA, CITY OF	10	LGAC	$ 1,840,000	2,650
CALIFORNIA AMERICAN	HOWLAND	LGAC	$ 1,040,000	1,060
CALIFORNIA AMERICAN	IVAR 1	LGAC	$ 1,500,000	780
CALIFORNIA AMERICAN	ROSEMEAD	LGAC	$ 650,000	580
CALIFORNIA AMERICAN	ROANOKE	LGAC	$ 1,040,000	1,210
COVINA, CITY OF	02	ION EXCHANGE, LGAC	$ 6,700,000	600
EL MONTE, CITY OF	**10**	**LGAC**	**$ 1,440,000**	**2,000**
EL MONTE, CITY OF	13	LGAC	$ 500,000	1,500
GLENDORA, CITY OF (2)	IRWINDALE	ION EXCHANGE	$ 9,000,000±5,000,000 (2)	4,250
LA VERNE, CITY OF		ION EXCHANGE	$ 3,500,000	2,000
MONROVIA, CITY OF	**MYRTLE WELLS**	**LGAC/IONEXCHANGE**	**$ 4,780,000**	**6,000**
MONTEREY PARK, CITY OF	09	LGAC	$ 1,440,000	1,980
SAN GABRIEL COUNTY WATER DISTRICT	10	ION EXCHANGE		2,200
GSWC SAN DIMAS	**ART-3 and BAS-3,4**	**ION EXCHANGE, LGAC**	**$ 6,590,000**	**360**
GSWC SAN DIMAS	COL-4, 6	ION EXCHANGE		
GSWC SAN GABRIEL (1)	JEF 1	LGAC	$ 1,440,000	600
GSWC SAN GABRIEL	JEF 2	LGAC		350
GSWC SAN GABRIEL	JEF 3	LGAC		960
GSWC SAN GABRIEL (1)	GARVEY 3	LGAC	$ 1,500,000	1,500

SAN GABRIEL BASIN WATER QUALITY AUTHORITY
SAN GABRIEL BASIN GROUNDWATER MANAGEMENT AND REMEDIATION PLAN

Table 4 (cont.) - Additional Existing and Potential Projects Basinwide
(With and Without WQA Funding)

PURVEYOR	WELL NAME	TREATMENT	ESTIMATED COSTS (3)	CAPACITY (GPM)
SOUTH PASADENA, CITY OF (1)	**WIL 2**	**LGAC**	**$ 2,348,000**	**3,000**
SOUTH PASADENA, CITY OF	WIL 3	LGAC		1,590
SOUTH PASADENA, CITY OF	WIL 4	LGAC		1,040
SOUTH PASADENA, CITY OF	GRAV 2	LGAC	$ 2,356,000	900
SUBURBAN WATER SYSTEMS (1)	139W-2	ION EXCHANGE, UV OXIDATION	$ 5,000,000	2,570
SUBURBAN WATER SYSTEMS	139W-4	ION EXCHANGE, UV OXIDATION		2,580
SUBURBAN WATER SYSTEMS	139W-5	ION EXCHANGE, UV OXIDATION		3,470
SUBURBAN WATER SYSTEMS	139W-6	ION EXCHANGE, UV OXIDATION		3,500
SUBURBAN WATER SYSTEMS (1), (5)	140W-3	ION EXCHANGE, UV OXIDATION	$ 7,360,000	850
SUBURBAN WATER SYSTEMS	140W-5	ION EXCHANGE, UV OXIDATION		3,720
VALENCIA HEIGHTS WATER	06	ION EXCHANGE, AIR STRIPPING	$ 4,570,000	2,180
VALLEY COUNTY WATER	PADDY LN	ION EXCHANGE, AIR STRIPPING	$ 6,750,000	1,460
VALLEY COUNTY WATER (6)	PALM	LGAC	$ 640,000	790
VALLEY COUNTY WATER	MORADA	ION EXCHANGE, LGAC	$ 6,640,000	1,200
WHITTIER, CITY OF	18	AIR STRIPPING	$ 3,030,000	5,210

NOTES
PROJECTS IN BOLD RECEIVED WQA FUNDING
(1) COSTS FOR ENTIRE WELLFIELD
(2) CITY OF GLENDORA'S 1999 COST ESTIMATE
(3) STETSON ENGINEERS ESTIMATE, JANUARY 2001
(4) INCLUDED IN SUBURBAN WATER SYSTEMS 139W-2 COST
(5) UV TREATMENT NOT INCLUDED IN ESTIMATED COSTS
(6) EXISTING PROPERTY CANNOT ACCOMMODATE TREATMENT FACILITY

Table 5 – Project Scoring

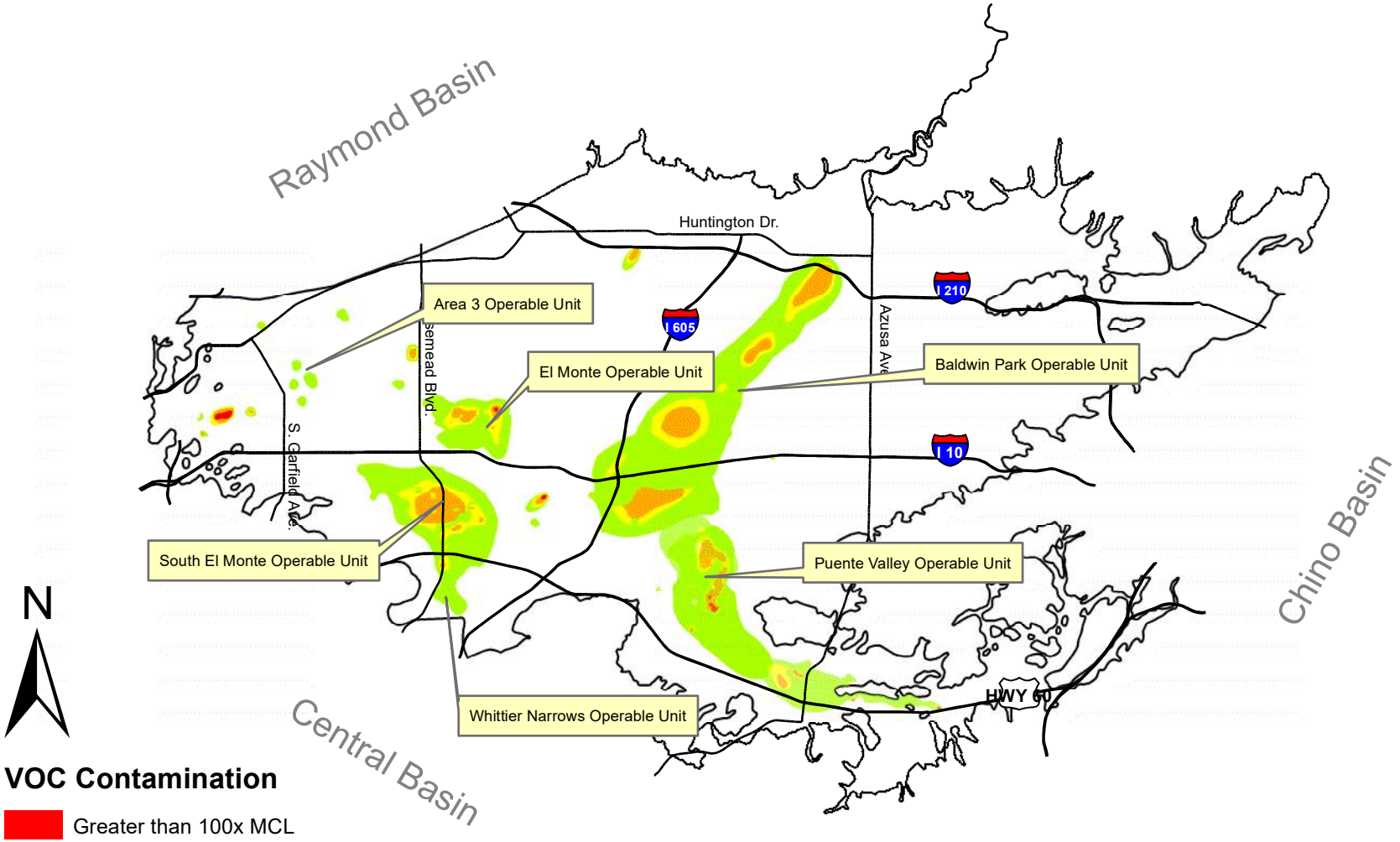
QUESTION	PTS.	RESPONSE
Is applicant(s) ready to proceed with the groundwater remediation project?	0	Not fully ready to proceed
	10	Yes, ready to proceed
Does the project complement U.S. USEPA's plans? Is it consistent with USEPA's plans and the NCP?	0	Does not complement plan and is not consistent
	5	Complements and is consistent with USEPA plans
	10	Complements and is consistent with USEPA plans and NCP
How effective is project relative to amount of water treated and made available for use? Does the project use technology consistent with BAT?	0	Not effective relative to amount treated & available for use
	5	Somewhat effective and consistent with BAT
	10	Effective relative to amount treated & available for use, consistent with BAT
What are the impacts or potential impacts to the plume within the Main San Gabriel Basin?	0	No
	5	Some impact
	15	Very significant impact
Is project a joint cleanup and water supply project?	0	Not a joint cleanup and supply project
	5	Only a cleanup project
	15	Yes, project is a joint cleanup/supply project
Is project partially or solely funded by affected purveyor(s)?	0	N/A
	5	Yes, partially funded by purveyor(s)
	10	Yes, solely funded by purveyor(s)
Does the project address immediate water supply needs in the MSG Basin?	0	No
	15	Yes
Does the project address a need for migration control?	0	No
	15	Yes
Is project partially or solely funded by PRPs through an executed agreement?	0	No PRP agreement
	5	Yes, partially funded by PRPs with an agreement
	10	Yes, solely funded by PRPs with an agreement

Table 6 – Priority Ranking

CATEGORY	SCORING RANGE	TITLE XVI	RESTORATION FUNDS
Category 1	90-100	0 to 25%	up to 65% capital and/or T&R
Category 2	80-89	0 to 25%	up to 50% capital and/or T&R
Category 3	70-79	based upon availability	up to 40% capital and/or T&R
Category 4	0-69	based upon availability	up to 30% capital and/or T&R

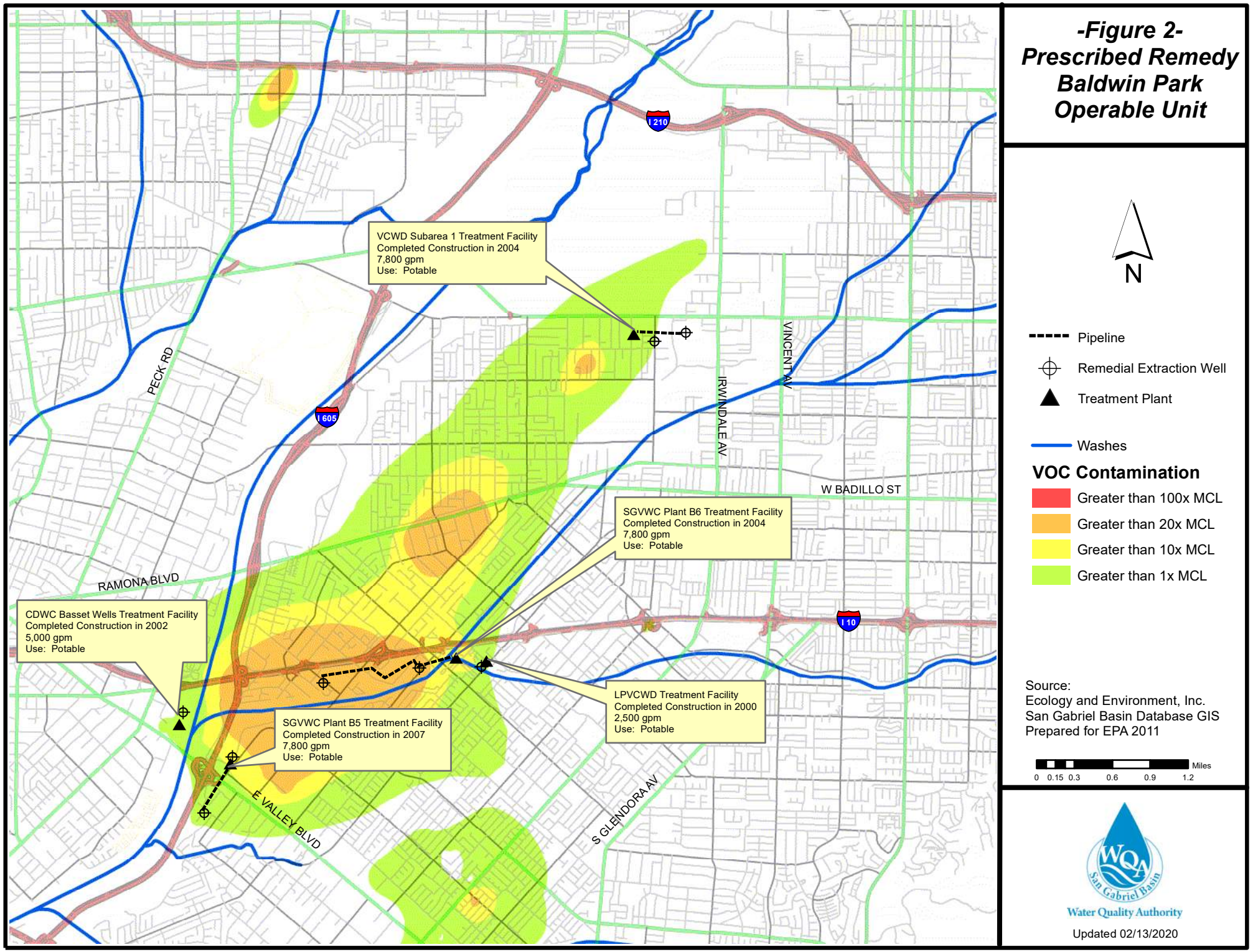
- FIGURE 1-

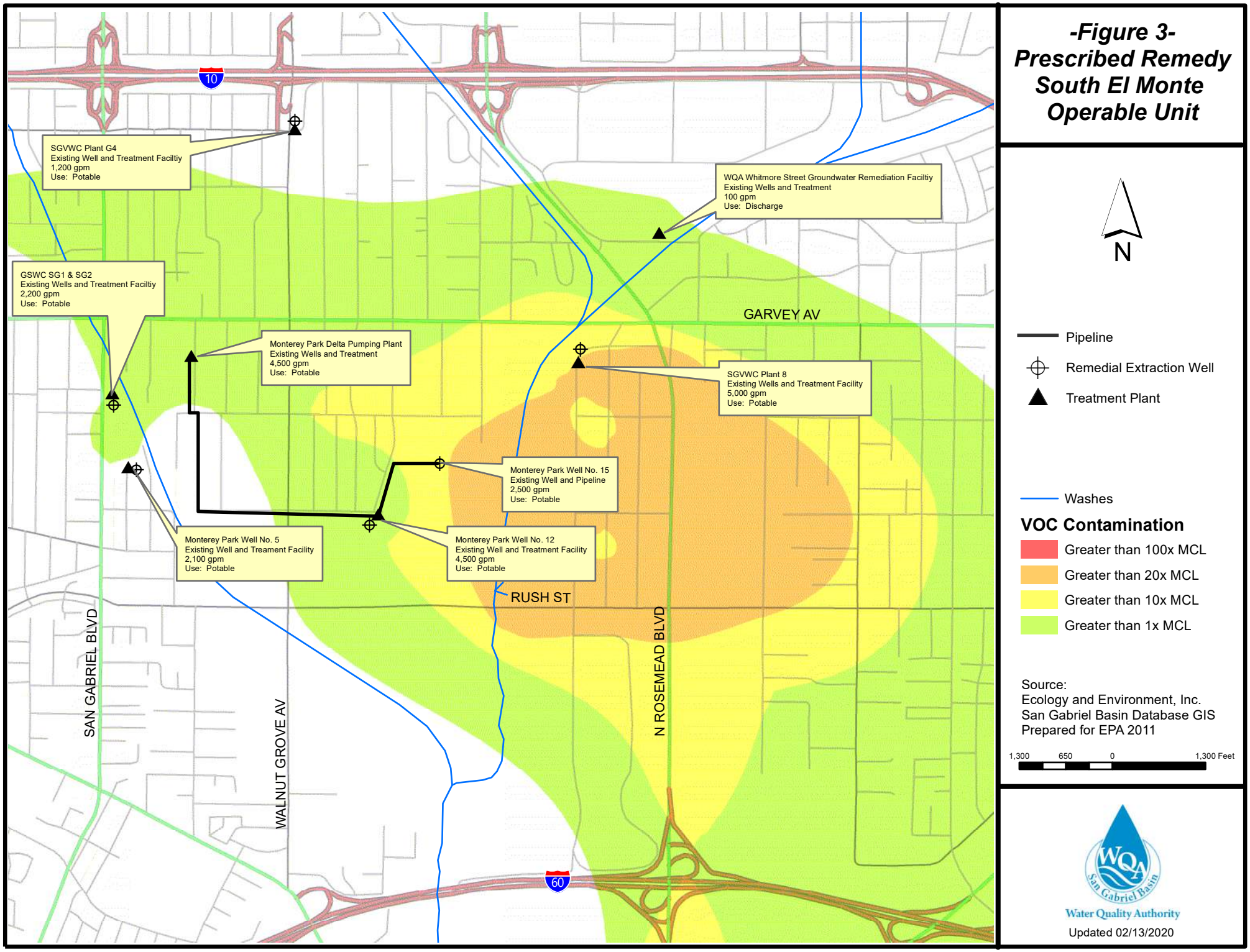
San Gabriel Basin Contamination

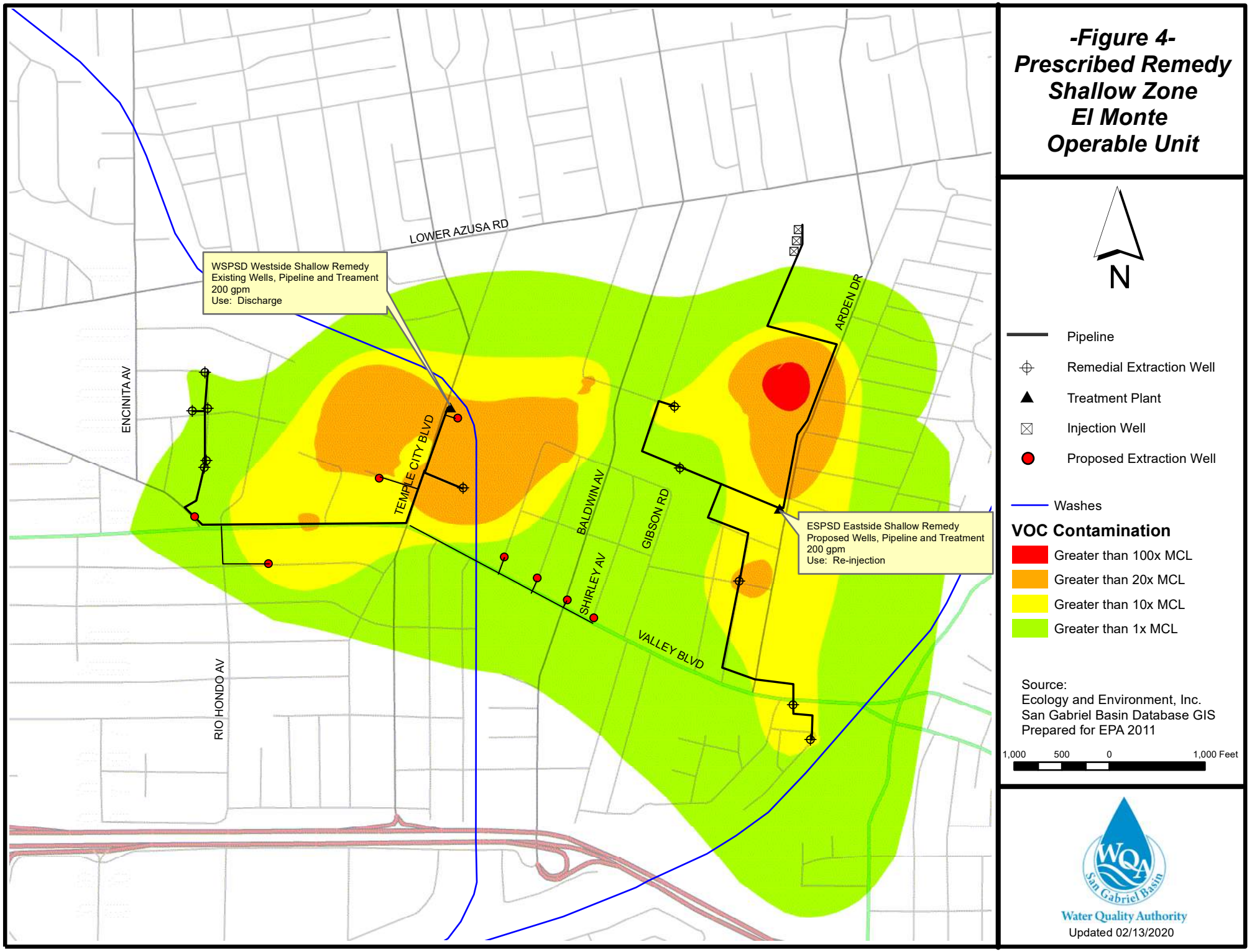


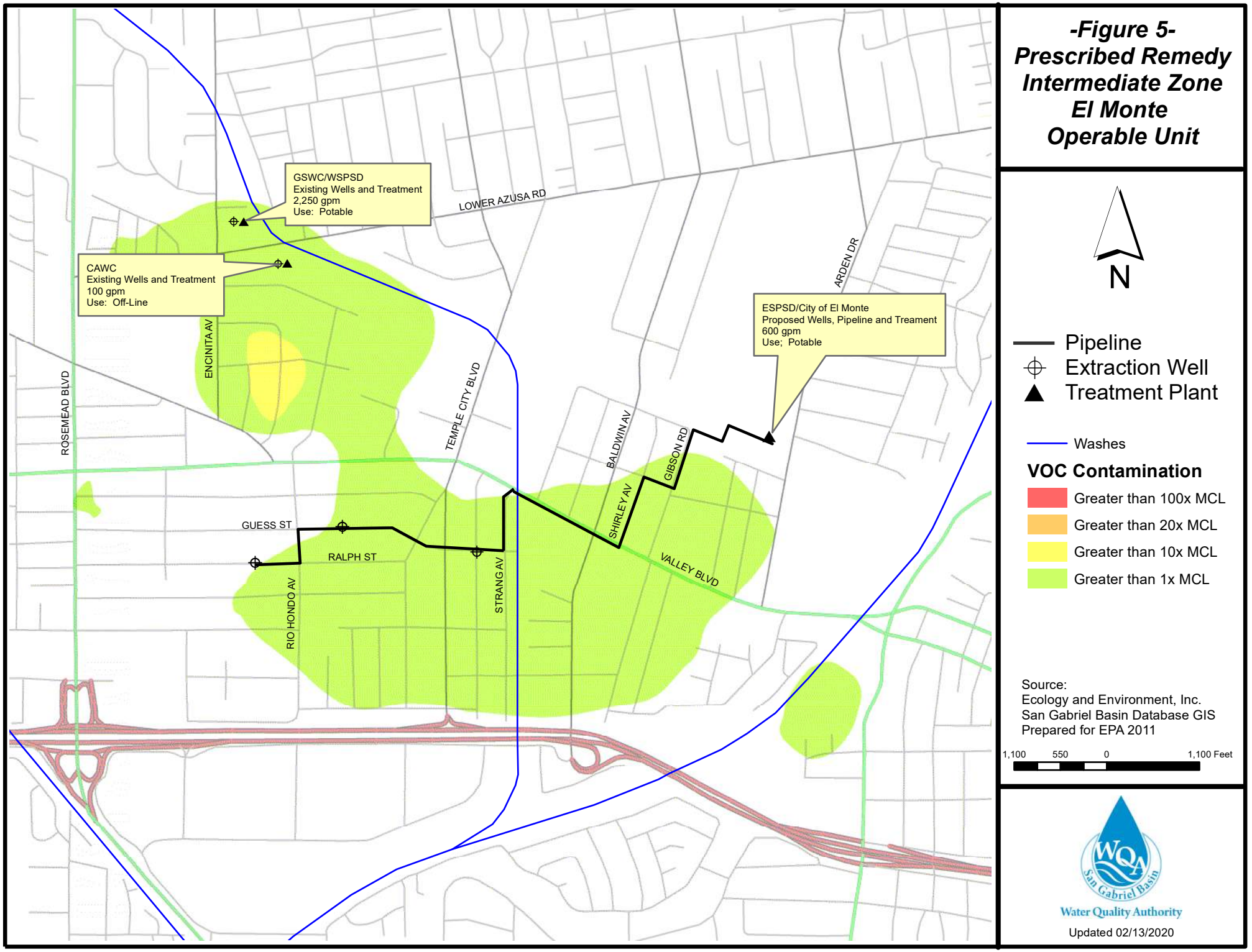
WQA San Gabriel Basin Water Quality Authority

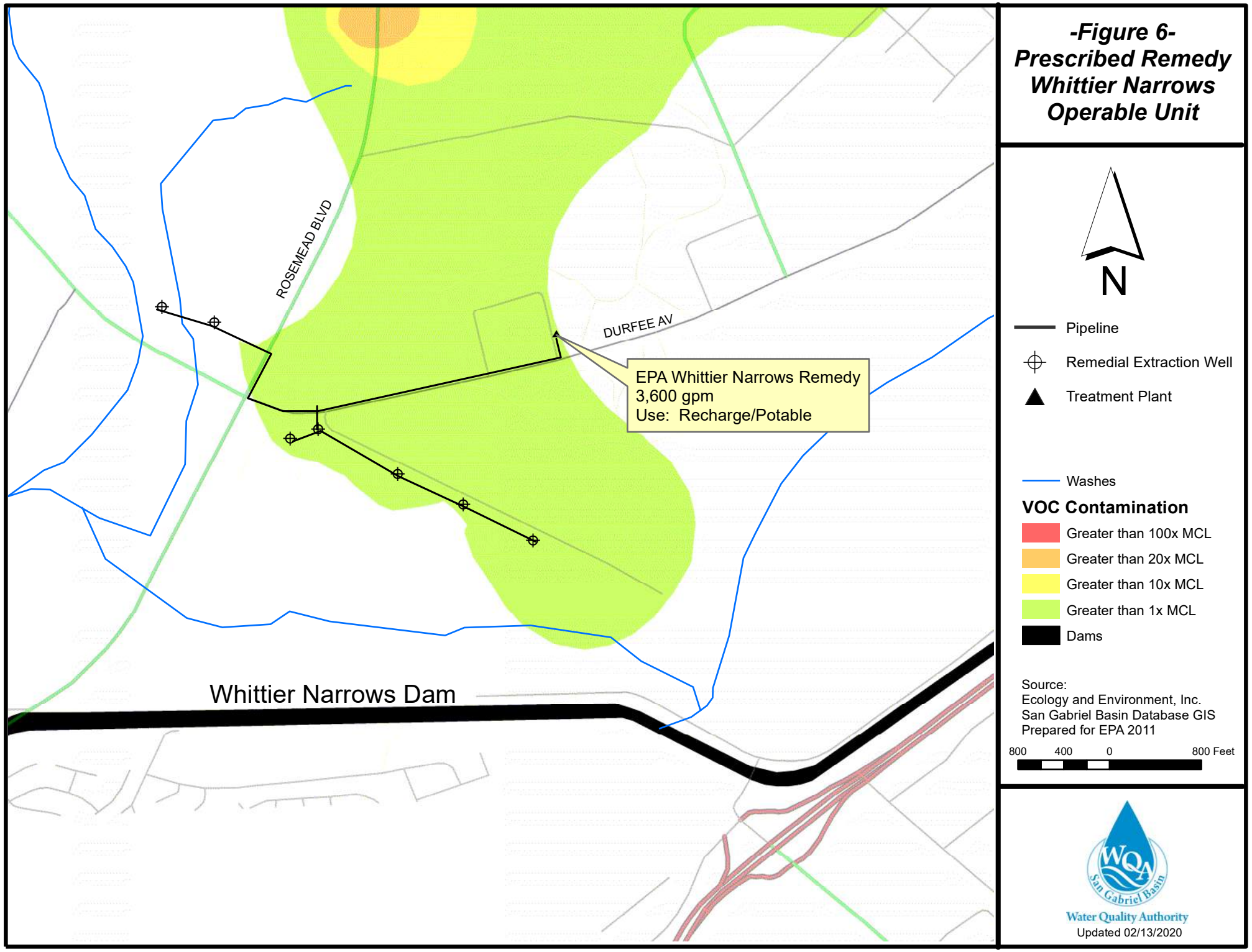
Updated 02/13/2020

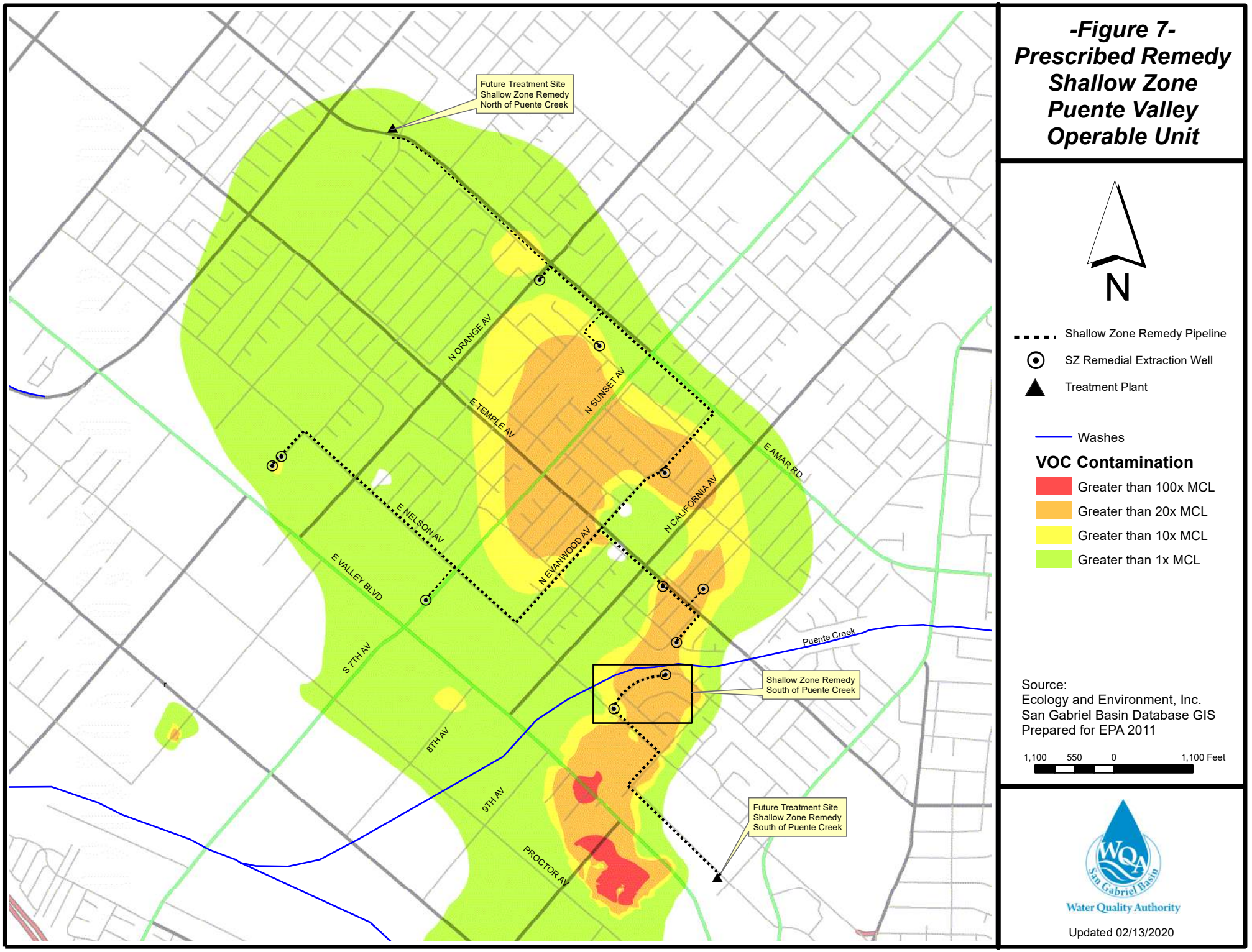

-Figure 2-
Prescribed Remedy
Baldwin Park
Operable Unit
VCWD Subarea 1 Treatment Facility
Completed Construction in 2004
7,800 gpm
Use: Potable
SGVWC Plant B6 Treatment Facility
Completed Construction in 2004
7,800 gpm
Use: Potable
CDWC Basset Wells Treatment Facility
Completed Construction in 2002
5,000 gpm
Use: Potable
SGVWC Plant B5 Treatment Facility
Completed Construction in 2007
7,800 gpm
Use: Potable
LPVCWD Treatment Facility
Completed Construction in 2000
2,500 gpm
Use: Potable
I 210
I 605
I 10
PECK RD
IRWINDALE AV
VINCENT AV
W BADILLO ST
RAMONA BLVD
E VALLEY BLVD
S GLENDORA AV
N
Pipeline
Remedial Extraction Well
Treatment Plant
Washes
VOC Contamination
Greater than 100x MCL
Greater than 20x MCL
Greater than 10x MCL
Greater than 1x MCL
Source:
Ecology and Environment, Inc.
San Gabriel Basin Database GIS
Prepared for EPA 2011
Miles
0 0.15 0.3 0.6 0.9 1.2
WQA
San Gabriel Basin
Water Quality Authority
Updated 02/13/2020


-Figure 3-
Prescribed Remedy
South El Monte
Operable Unit
SGVWC Plant G4
Existing Well and Treatment Facilitiy
1,200 gpm
Use: Potable
WQA Whitmore Street Groundwater Remediation Facilitiy
Existing Wells and Treatment
100 gpm
Use: Discharge
GSWC SG1 & SG2
Existing Wells and Treatment Facilitiy
2,200 gpm
Use: Potable
Monterey Park Delta Pumping Plant
Existing Wells and Treatment
4,500 gpm
Use: Potable
SGVWC Plant 8
Existing Wells and Treatment Facility
5,000 gpm
Use: Potable
Monterey Park Well No. 15
Existing Well and Pipeline
2,500 gpm
Use: Potable
Monterey Park Well No. 5
Existing Well and Treament Facility
2,100 gpm
Use: Potable
Monterey Park Well No. 12
Existing Well and Treatment Facility
4,500 gpm
Use: Potable
GARVEY AV
RUSH ST
SAN GABRIEL BLVD
WALNUT GROVE AV
N ROSEMEAD BLVD
10
60
N
Pipeline
Remedial Extraction Well
Treatment Plant
Washes
VOC Contamination
Greater than 100x MCL
Greater than 20x MCL
Greater than 10x MCL
Greater than 1x MCL
Source:
Ecology and Environment, Inc.
San Gabriel Basin Database GIS
Prepared for EPA 2011
1,300 650 0 1,300 Feet
WQA San Gabriel Basin
Water Quality Authority
Updated 02/13/2020


-Figure 4-
Prescribed Remedy
Shallow Zone
El Monte
Operable Unit
N
LOWER AZUSA RD
WSPSD Westside Shallow Remedy
Existing Wells, Pipeline and Treament
200 gpm
Use: Discharge
ENCINITA AV
TEMPLE CITY BLVD
BALDWIN AV
GIBSON RD
SHIRLEY AV
VALLEY BLVD
ARDEN DR
RIO HONDO AV
ESPSD Eastside Shallow Remedy
Proposed Wells, Pipeline and Treatment
200 gpm
Use: Re-injection
Pipeline
Remedial Extraction Well
Treatment Plant
Injection Well
Proposed Extraction Well
Washes
VOC Contamination
Greater than 100x MCL
Greater than 20x MCL
Greater than 10x MCL
Greater than 1x MCL
Source:
Ecology and Environment, Inc.
San Gabriel Basin Database GIS
Prepared for EPA 2011
1,000 500 0 1,000 Feet
WQA
San Gabriel Basin
Water Quality Authority
Updated 02/13/2020


GSWC/WSPSD
Existing Wells and Treatment
2,250 gpm
Use: Potable
CAWC
Existing Wells and Treatment
100 gpm
Use: Off-Line
ESPSD/City of El Monte
Proposed Wells, Pipeline and Treament
600 gpm
Use; Potable
LOWER AZUSA RD
ARDEN DR
ENCINITA AV
ROSEMEAD BLVD
TEMPLE CITY BLVD
BALDWIN AV
GIBSON RD
SHIRLEY AV
VALLEY BLVD
GUESS ST
RALPH ST
RIO HONDO AV
STRANG AV
-Figure 5-
Prescribed Remedy
Intermediate Zone
El Monte
Operable Unit
N
Pipeline
Extraction Well
Treatment Plant
Washes
VOC Contamination
Greater than 100x MCL
Greater than 20x MCL
Greater than 10x MCL
Greater than 1x MCL
Source:
Ecology and Environment, Inc.
San Gabriel Basin Database GIS
Prepared for EPA 2011
1,100 550 0 1,100 Feet
Water Quality Authority
Updated 02/13/2020


-Figure 6-
Prescribed Remedy
Whittier Narrows
Operable Unit
ROSEMEAD BLVD
DURFEE AV
EPA Whittier Narrows Remedy
3,600 gpm
Use: Recharge/Potable
Whittier Narrows Dam
N
Pipeline
Remedial Extraction Well
Treatment Plant
Washes
VOC Contamination
Greater than 100x MCL
Greater than 20x MCL
Greater than 10x MCL
Greater than 1x MCL
Dams
Source:
Ecology and Environment, Inc.
San Gabriel Basin Database GIS
Prepared for EPA 2011
800 400 0 800 Feet
WQA
San Gabriel Basin
Water Quality Authority
Updated 02/13/2020



-Figure 7-
Prescribed Remedy
Shallow Zone
Puente Valley
Operable Unit

N

Shallow Zone Remedy Pipeline

SZ Remedial Extraction Well

Treatment Plant

Washes

VOC Contamination

Greater than 100x MCL

Greater than 20x MCL

Greater than 10x MCL

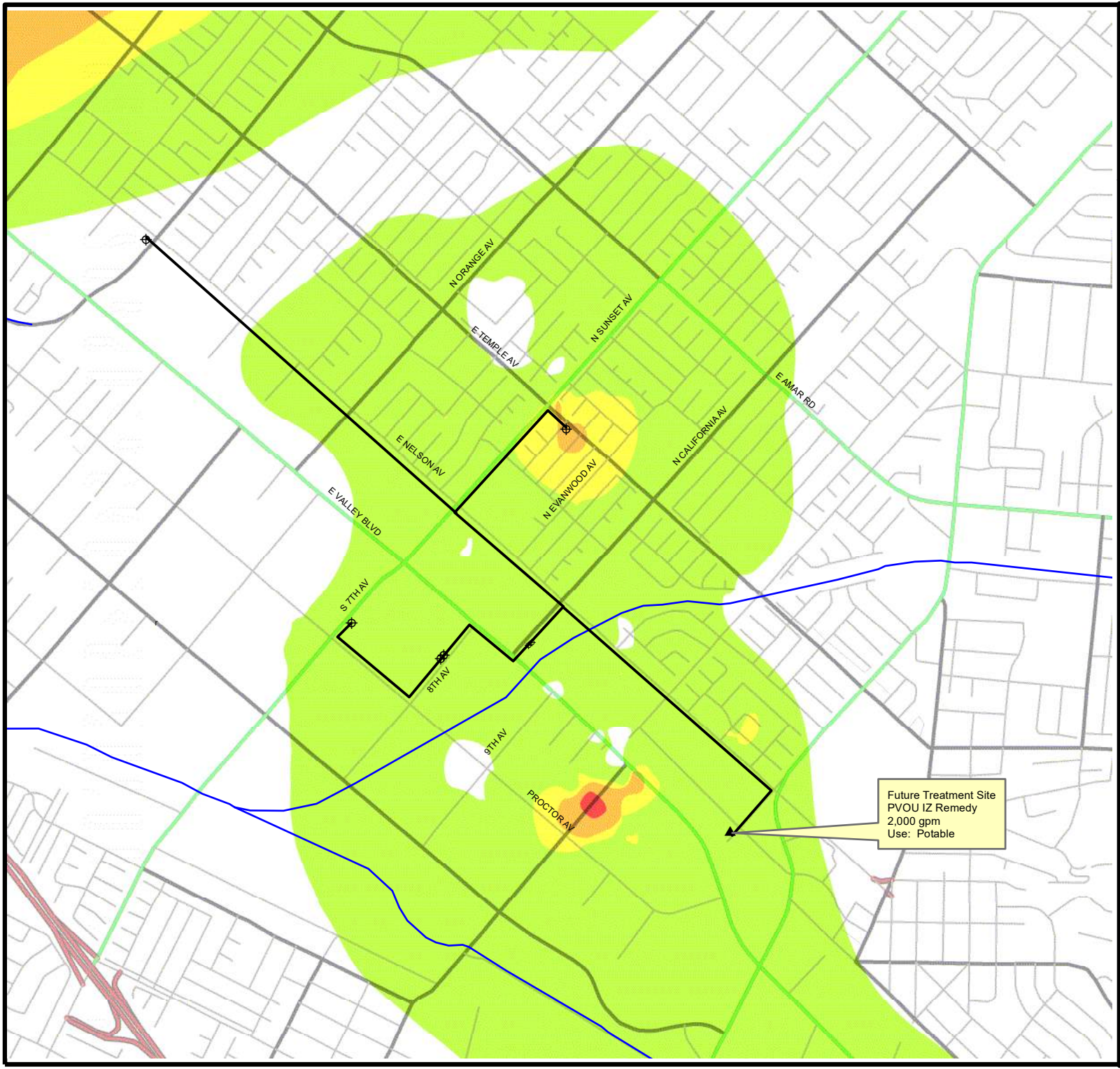
Greater than 1x MCL

Source:
Ecology and Environment, Inc.
San Gabriel Basin Database GIS
Prepared for EPA 2011

1,100 550 0 1,100 Feet

Water Quality Authority

Updated 02/13/2020



-Figure 8- Prescribed Remedy Intermediate Zone Puente Valley Operable Unit

N

Intermediate Zone Remedy Pipeline

IZ Remedial Extraction Well

Treatment Plant

Washes

VOC Contamination

Exceedance

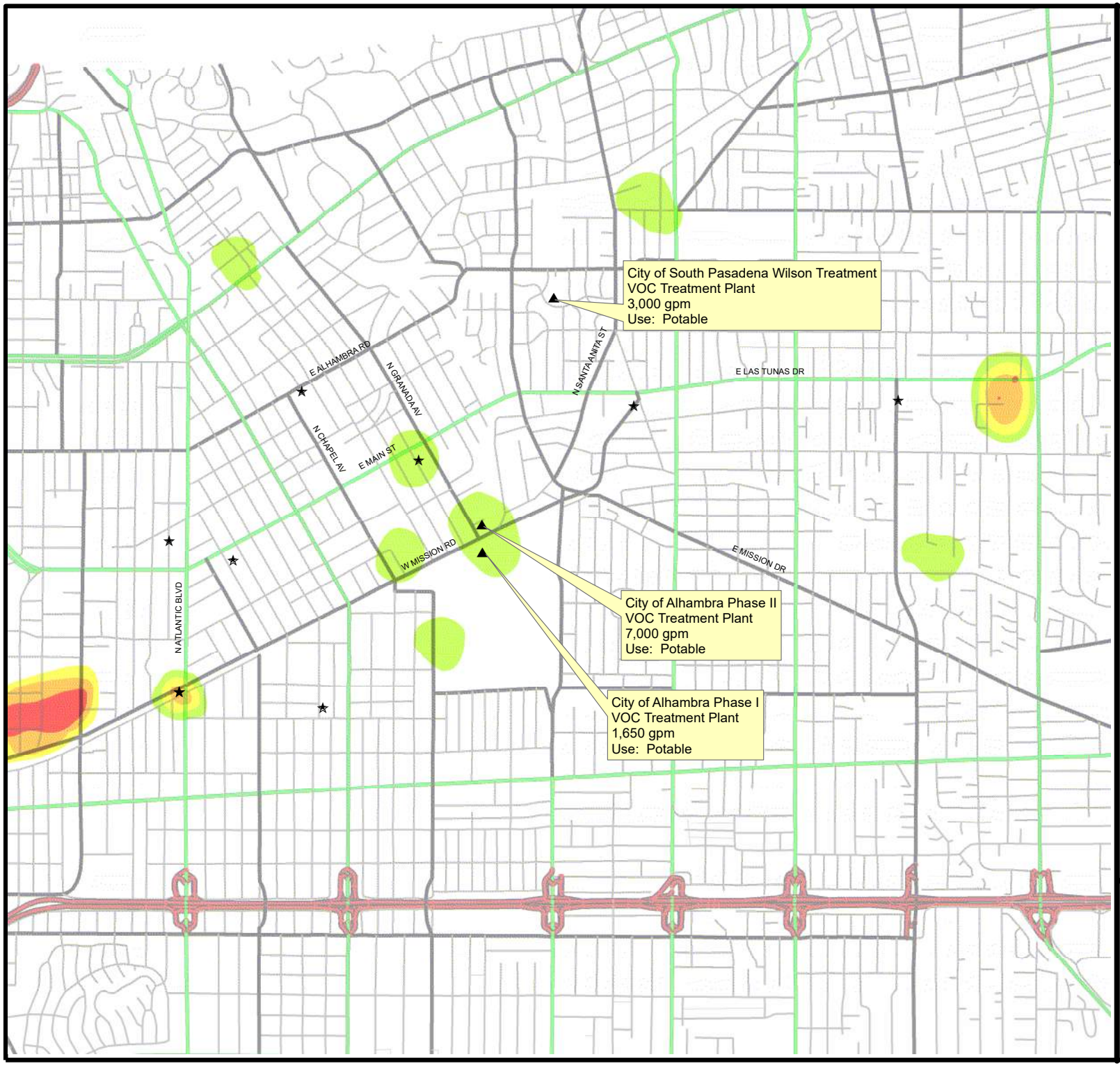
- Greater than 100x MCL
- Greater than 20x MCL
- Greater than 10x MCL
- Greater than 1x MCL

Source:
Ecology and Environment, Inc.
San Gabriel Basin Database GIS
Prepared for EPA 2011

1,200 600 0 1,200 Feet

Water Quality Authority

Updated 02/13/2020



-Figure 9-
Prescribed Remedy
Area 3
Operable Unit

N

EPA Installed Monitoring Welll

Treatment Plant

Greater than 100x MCL

Greater than 20x MCL

Greater than 10x MCL

Greater than 1x MCL

Source:
Ecology and Environment, Inc.
San Gabriel Basin Database GIS
Prepared for EPA 2011

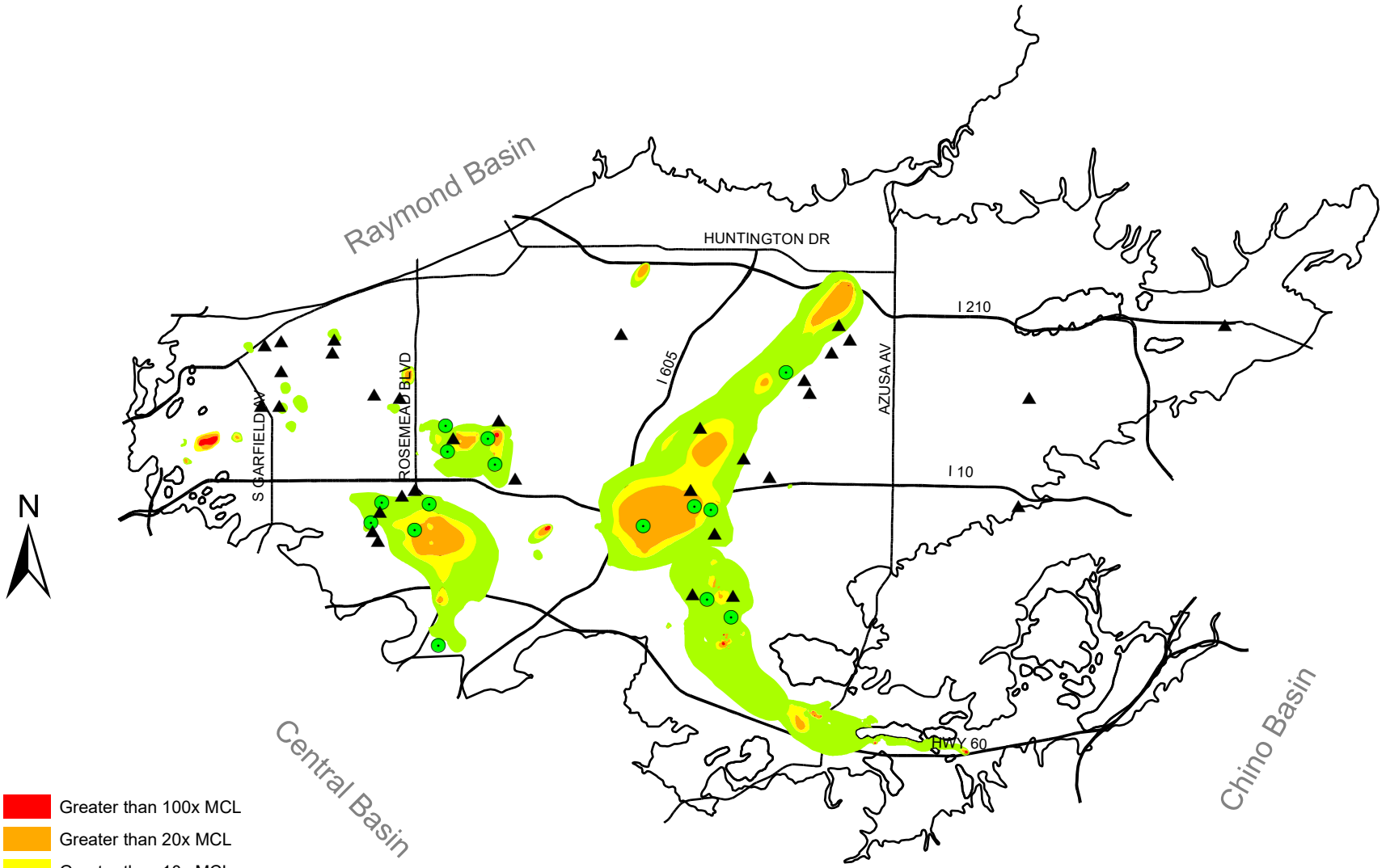
2,100 1,050 0 2,100 Feet

WQA San Gabriel Basin
Water Quality Authority

Updated 02/13/2020

-FIGURE 10-

Superfund vs. Nonsuperfund Projects



WQA San Gabriel Basin Water Quality Authority

Updated 02/13/2020

- Figure 11 -
Disadvantaged Communities in the San Gabriel Basin

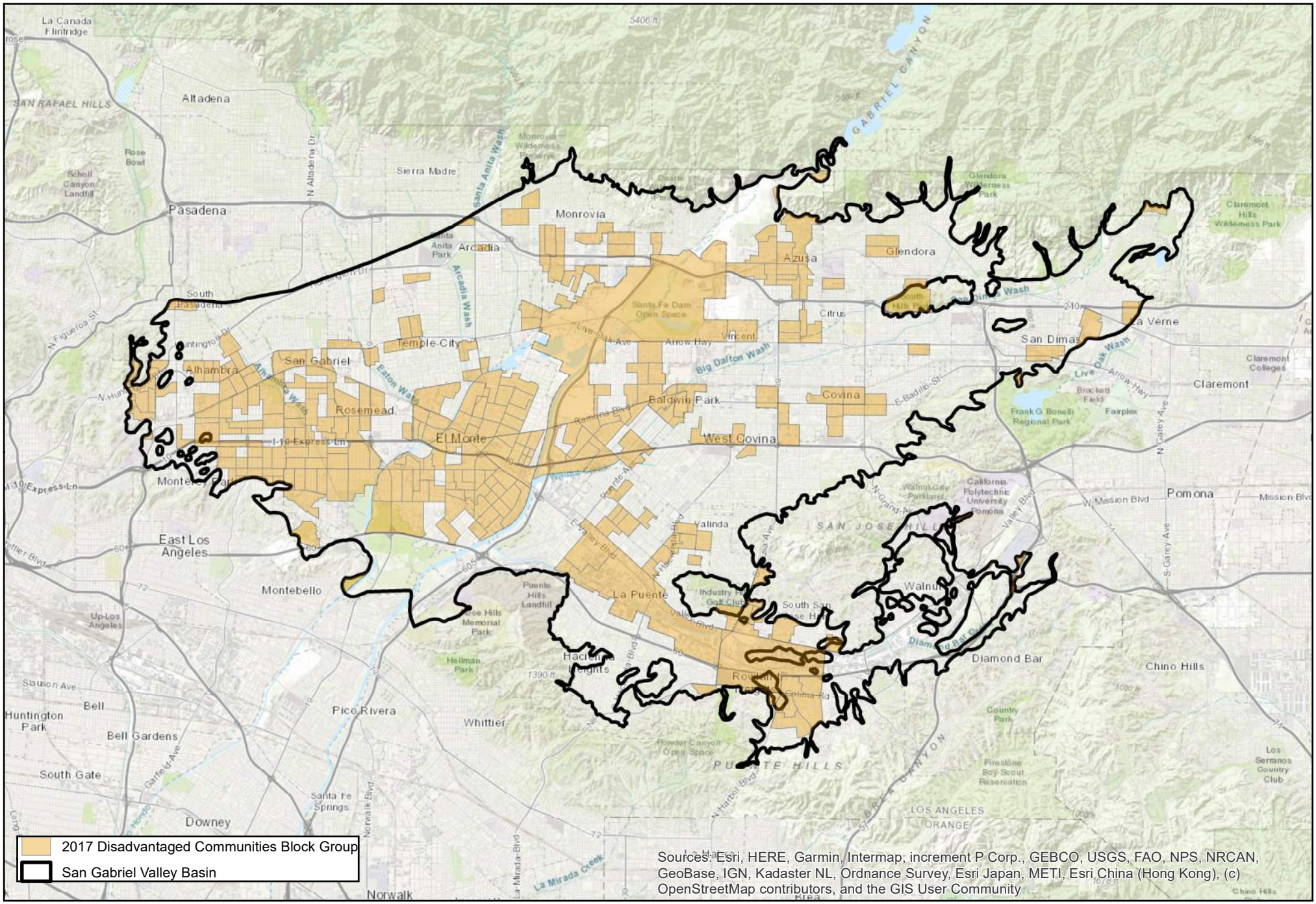
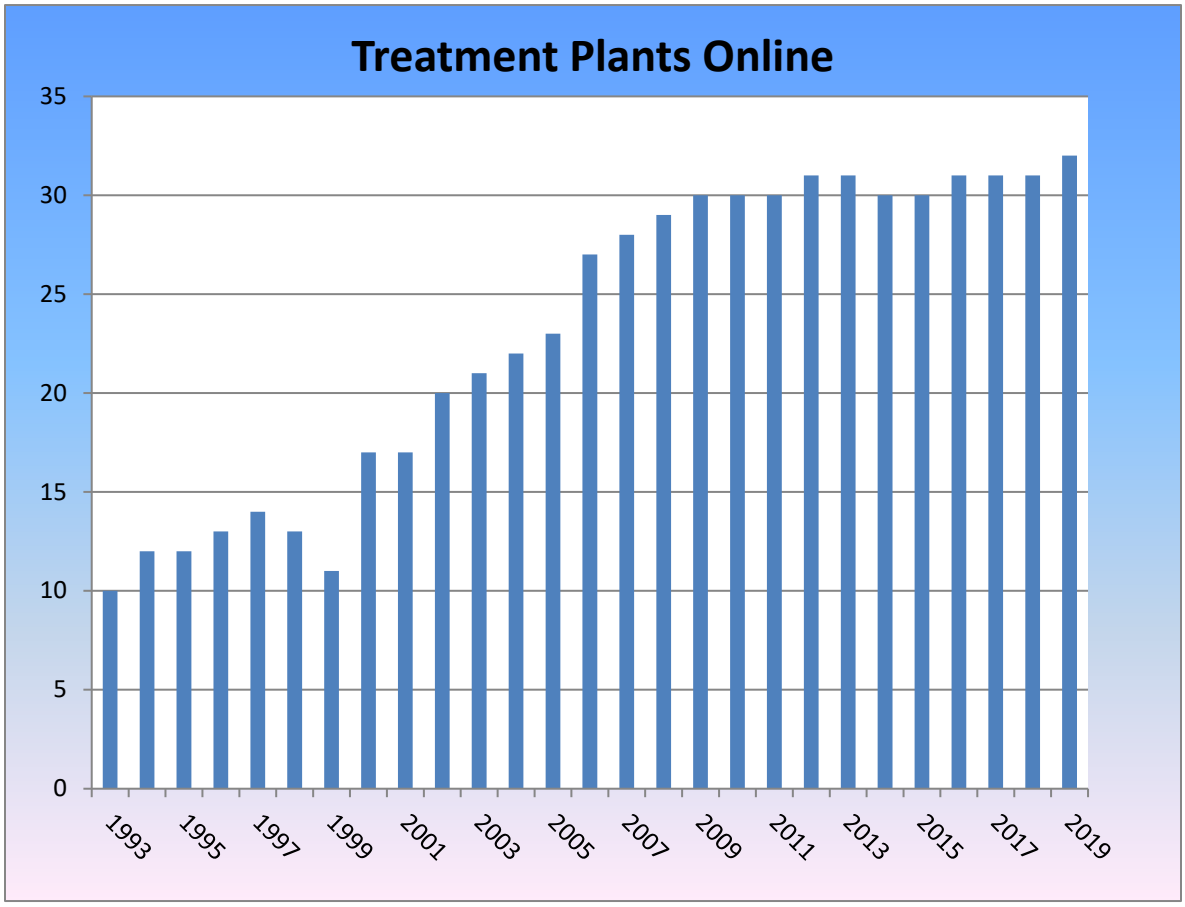


FIGURE 12 – The number of treatment plants operating in the Basin through June 30, 2019.



APPENDIX VI

ADDITIONAL DOCUMENTATION

Summary

AIN: 8212-011-901 4

Situs Address:

Use Type: Other Property Type
Parcel Type: Government Owned, Exempt
Tax Rate Area: 16403

Parcel Status: **ACTIVE**
Create Date:
Delete Date:
Tax Status: **EXEMPT**
Year Defaulted:
Exemption: None

Building & Land Overview
Use Code: 8833
Design Type:
Quality Class:

# of Units:
Beds/Baths: /
Building SqFt: 0

Year Built:
Effective Year:
Land SqFt: 407,510


(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=8212-011)

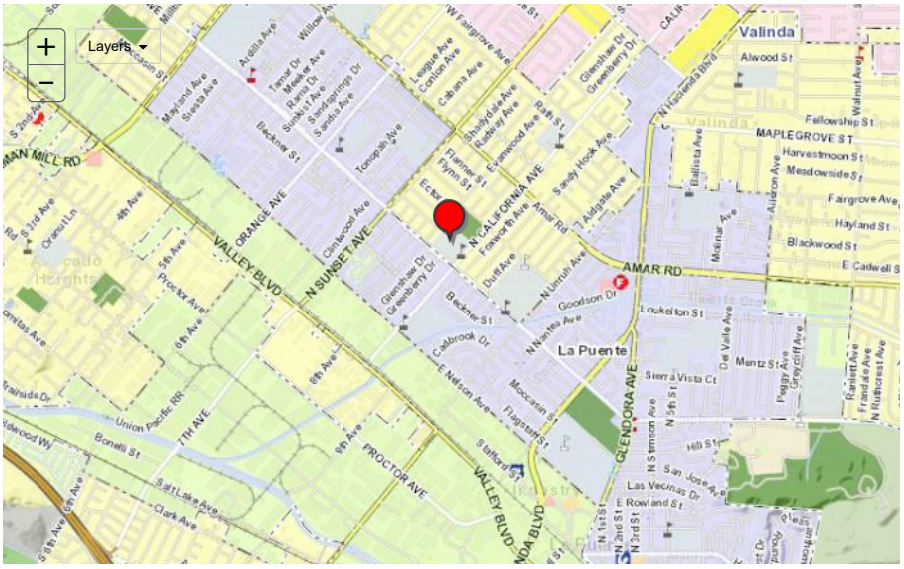
Parcel Map (http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=8212-011) / Map Index (http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=8212-NDX)

	2021 Roll Preparation		2020 Current Roll	RC	Year		1975 Base Value
$	239,525	$	0	0	0	$	187,000
$	0	$	0	0	0	$	0
$	239,525	$	0			$	187,000

Assessor's Responsible Division
District: East District Office
Region: 11
Cluster: 11129 LA PUENTE

East District Office (https://maps.google.com/?q=1190+Durfee+Ave.+South+El+Monte%2C+CA+91733)
1190 Durfee Ave.
South El Monte, CA 91733

Phone: (626) 258-6001
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm



Building and Land Characteristics

Land Information

Use Code = 8833 (Other Property Type)

Total SqFt (GIS):	407,510
Total SqFt (PDB):	406,250
Usable SqFt:	406,250
Acres:	
Land W' x D':	650 x 625
Sewers:	No
Flight Path:	No
X-Traffic:	No
Freeway:	No
Corner Lot:	Yes
Golf Front:	No
Horse Lot:	No
View:	None
Zoning:	(Refer Issuing Agency)
Code Split:	No
Impairment:	None

Situs Address:

Legal Description *(for assessment purposes)*:
TRACT # 606 SW 635 FT OF SE 650 FT EX OF ST OF LOT 404

Use Code: 8833 (Other Property Type)
8 = Miscellaneous
8 = Government Owned Property
3 = Public School
3 = Elementary School

Building Information

SUBPART:
Design Type:
Quality Class:

# of Units:
Beds/Baths: /
Building SqFt: 0

Year Built:
Effective Year:
Depreciation: / /

RCN Other: $ 0
RCN Other Trended: $ 0
Year Change:

Design Type:
=
=
=
=

SUMMARY: ***Total***

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 0
Avg SqFt/Unit:

Events History

Ownership () Parcel Change ()

Show Re-Assessable Only: ☐

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
08/08/2016	50	No	1	00%-0	1	$ 9	$ 0
06/18/1956	50	Yes				$ 0	$ 0

Assessment History

Show All: ☐ **Hide Inactive Rolls:** ☐ Showing 1 to 1 of 1 entries.

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
221-PSEG				08/08/2016	$ 239,525	$ 239,525	$

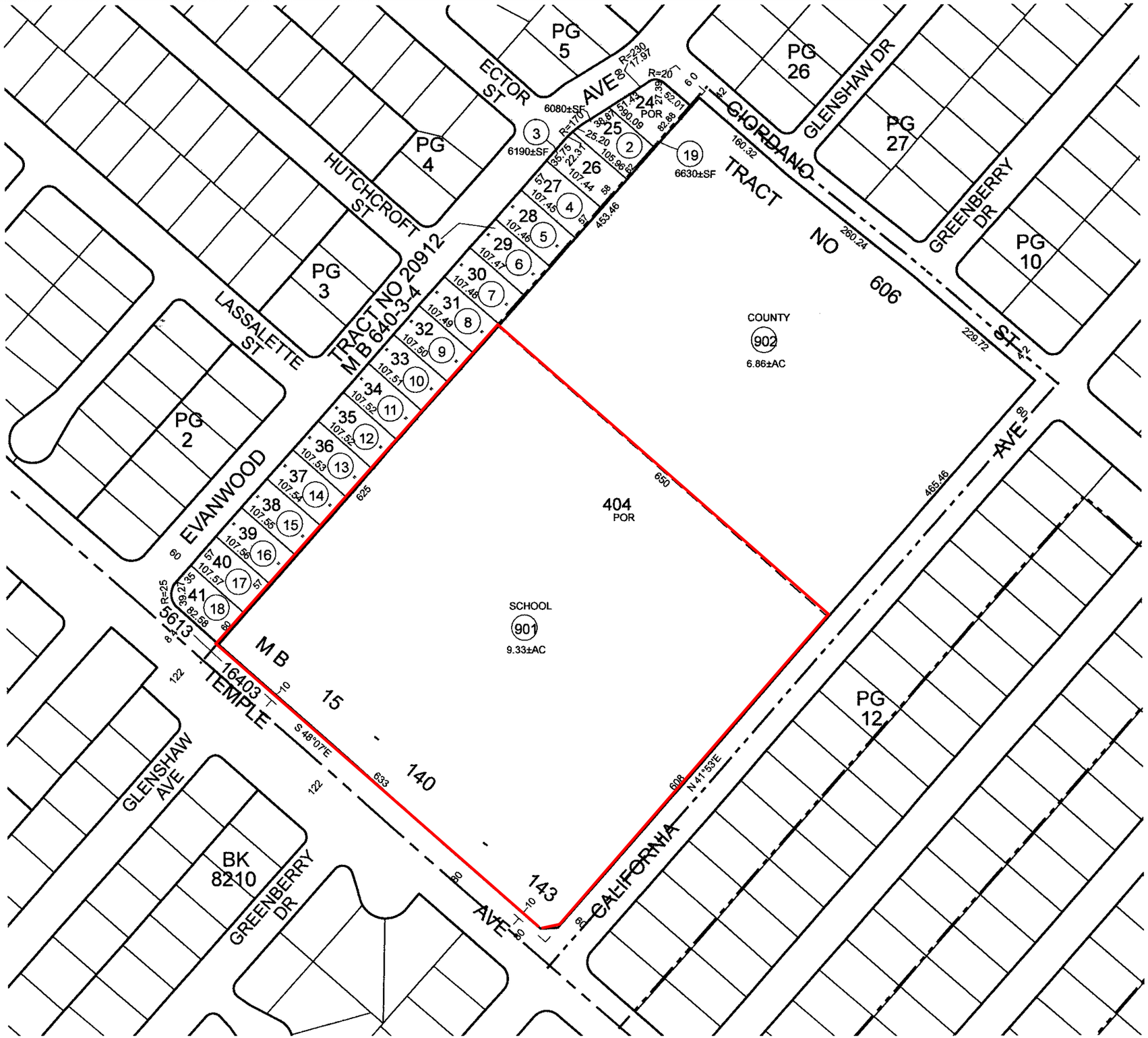
© 2017- Los Angeles County Assessor
Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)
PDB Effective Date: 11/15/2020

(https://facebook.com/LACAssessor) (https://www.twitter.com/LACASSESSOR) (https://www.linkedin.com/company/los-angeles-county-office-of-the-assessor) (https://youtube.com/user/lacountyassessor)

8212	11 SHEET	P. A. 114-201,285,286	TRA 5613 16403	REVISED 920102 20060210	20150224				SEARCH NO		OFFICE OF THE ASSESSOR COUNTY OF LOS ANGELES COPYRIGHT © 2002

2015

MAPPING AND GIS SERVICES
SCALE 1" = 150'



Solid Waste Information Management System

Find out if your property is within 1,000 feet of a methane producing site or 300 feet of an oil or gas well.

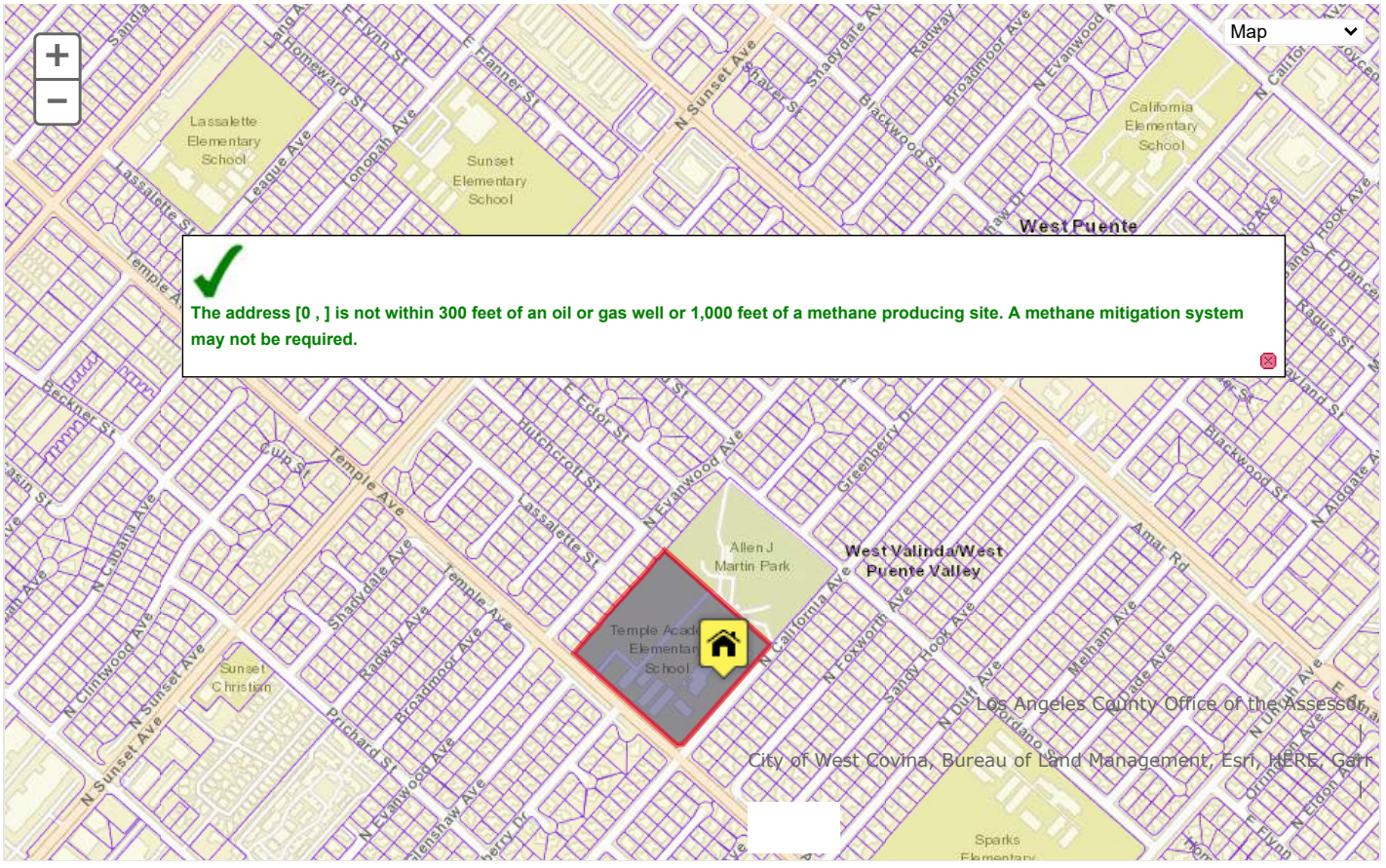
Search by:

Address or Intersection

635 North California Avenue, La Puente, California 91744

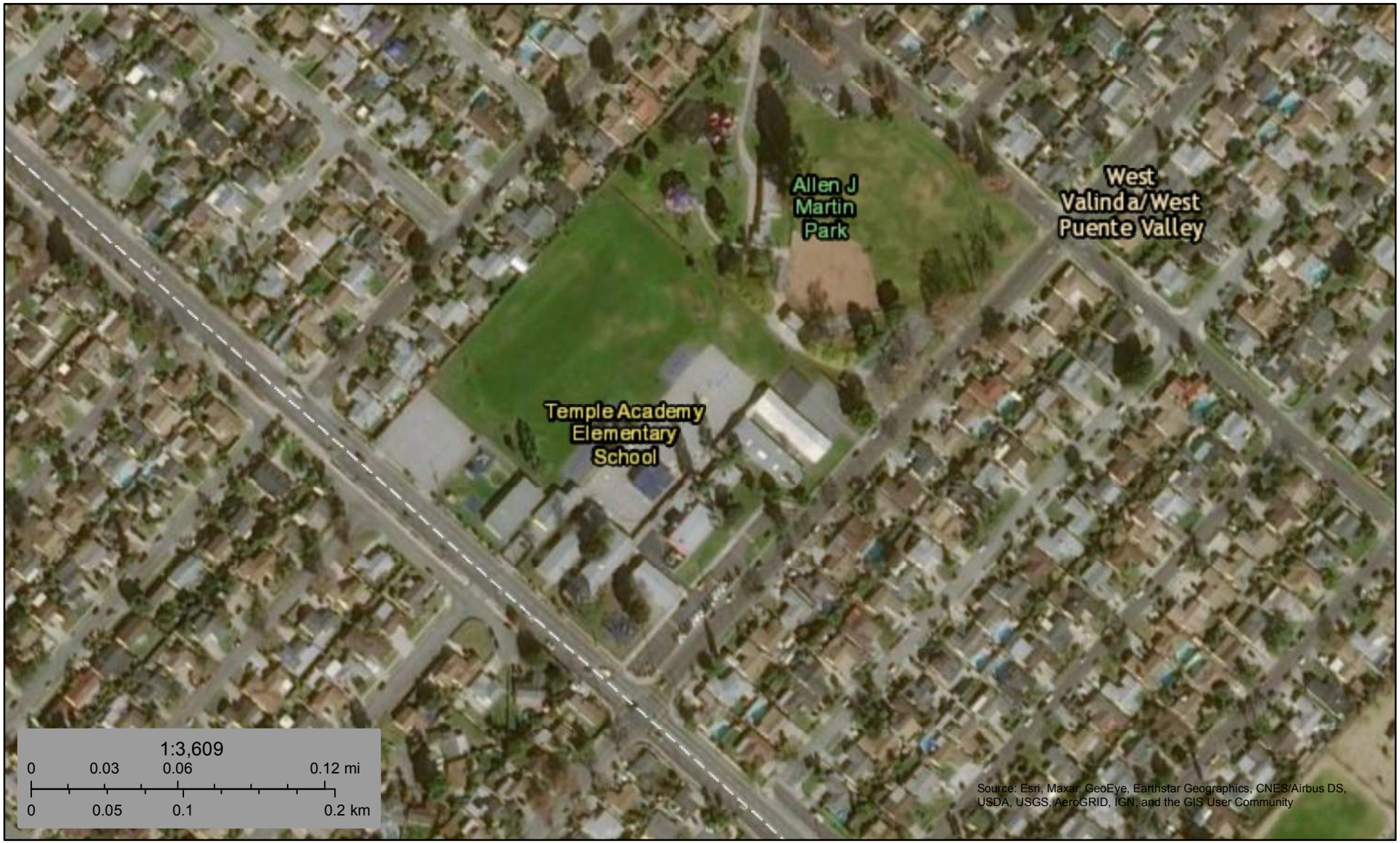
Search

Measure Tool Report a Problem



U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands



November 19, 2020

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

California
Department of Conservation

California Department of Conservation California Geological Survey

Indoor Radon Potential



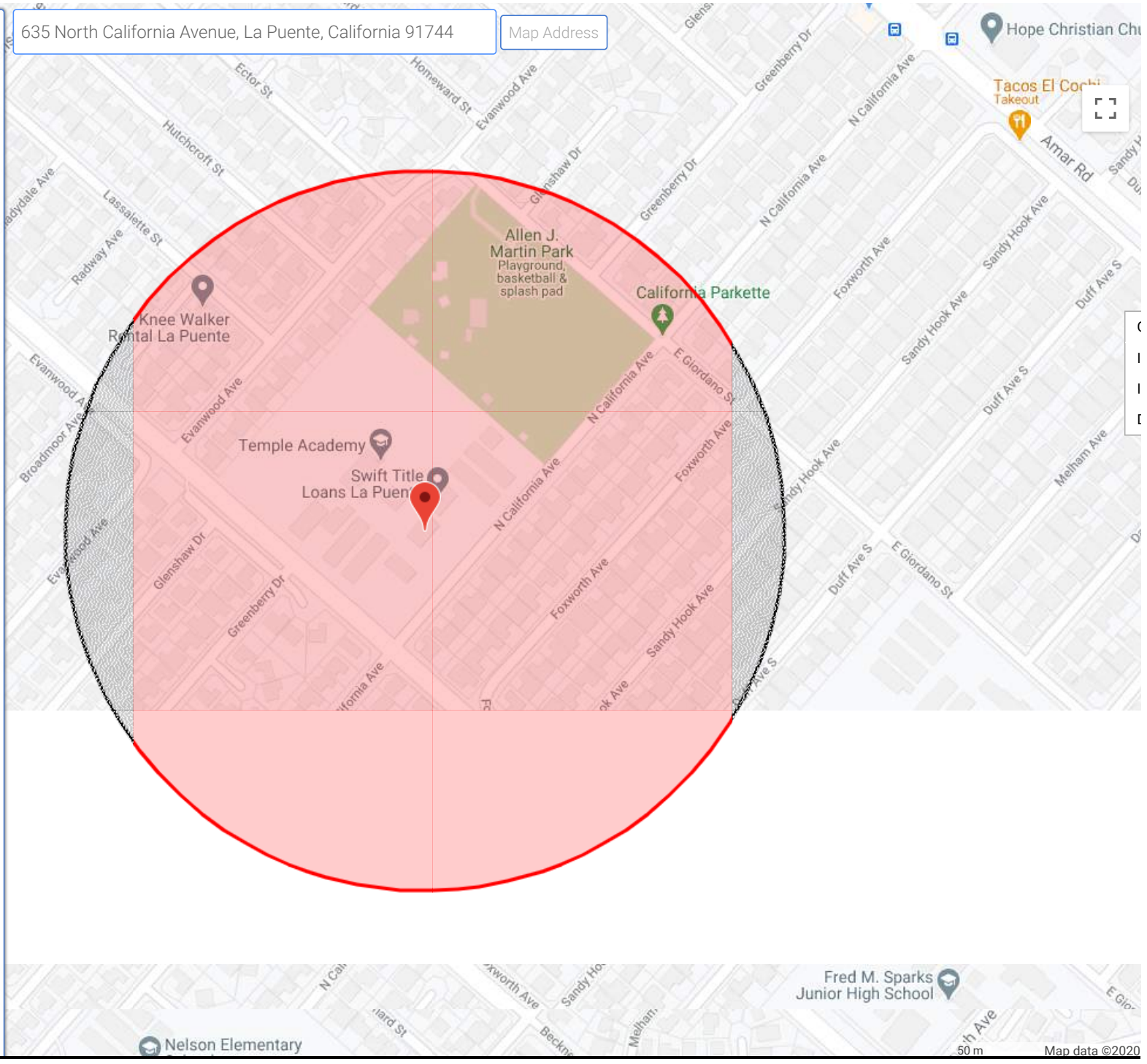
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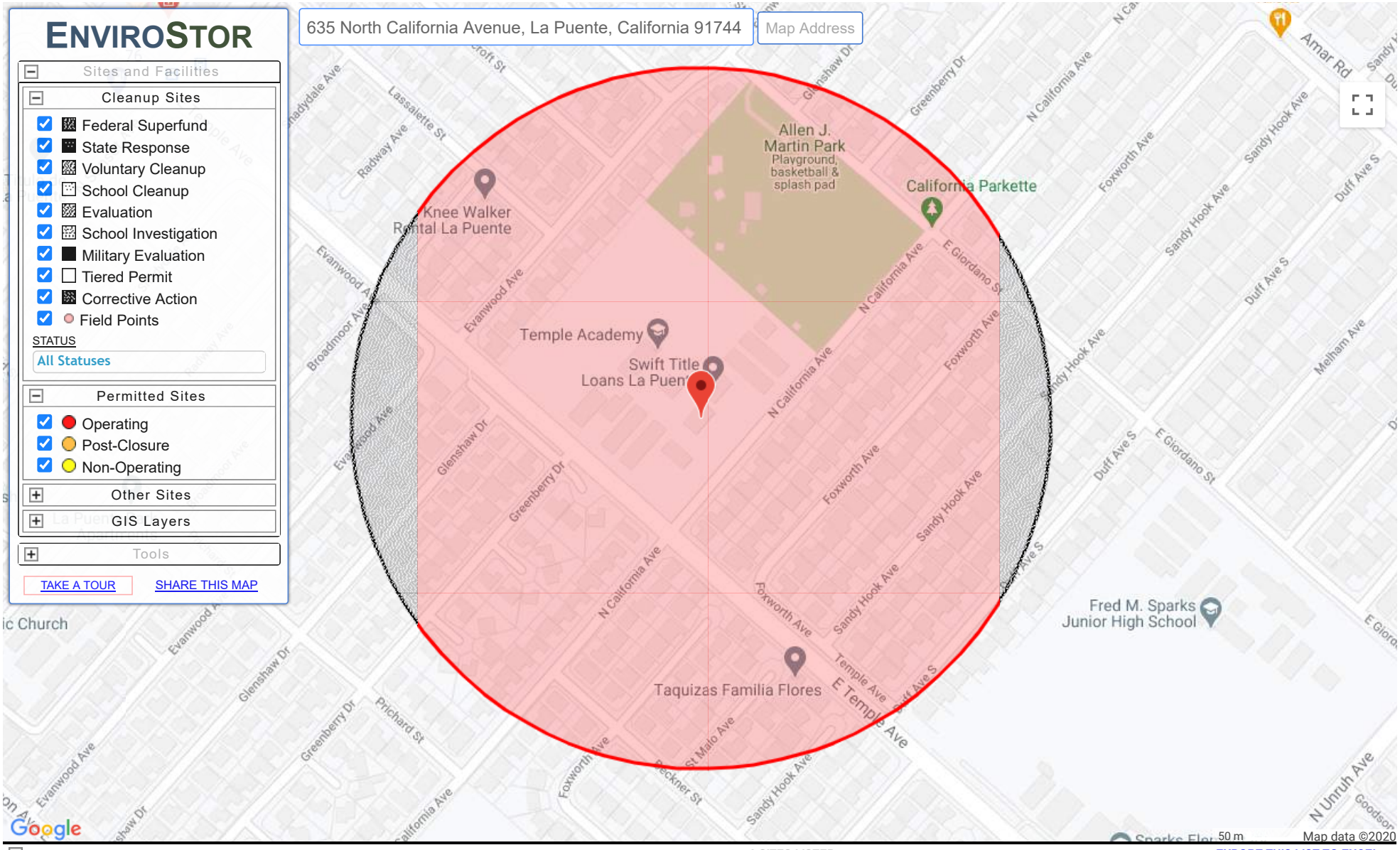
GEOTRACKER

635 North California Avenue, La Puente, California 91744 Map Address

- Sites and Facilities - INFO
  - Cleanup Sites
    - LUST Cleanup Sites
    - Cleanup Program Sites
    - Military Cleanup Sites
      - Military Cleanup Sites
      - Military Privatized Sites
      - Military UST Sites
    - DTSC Cleanup Sites
  - Permitted Facilities
    - Waste Discharge Requirements (WDR) Sites
    - Permitted USTs - INFO
    - DTSC Hazardous Waste Sites
    - Land Disposal Sites - SELECT NONE
      - Burn Dump
      - Compost Facility
      - Illegal Disposal Site
      - Other
      - Pre-Title 27 - CAI
      - Title 27 - Land Treatment Unit
      - Title 27 - Mining Unit
      - Title 27 - Municipal Solid Waste Landfill
      - Title 27 - Non-Municipal Solid Waste Landfill
      - Title 27 - Surface Impoundment
      - Title 27 - Waste Pile
      - Unknown
    - Irrigated Lands Regulatory Program Sites
    - Oil / Gas Sites
      - Other Oil and Gas Projects
      - Produced Water Ponds
      - Underground Injection Control (UIC)
      - Well Stimulation Project - Exclusion
      - Well Stimulation Project - Groundwater Monitoring Plan
      - Well Stimulation Projects - Property Owner Sampling
    - Confined Animal Sites

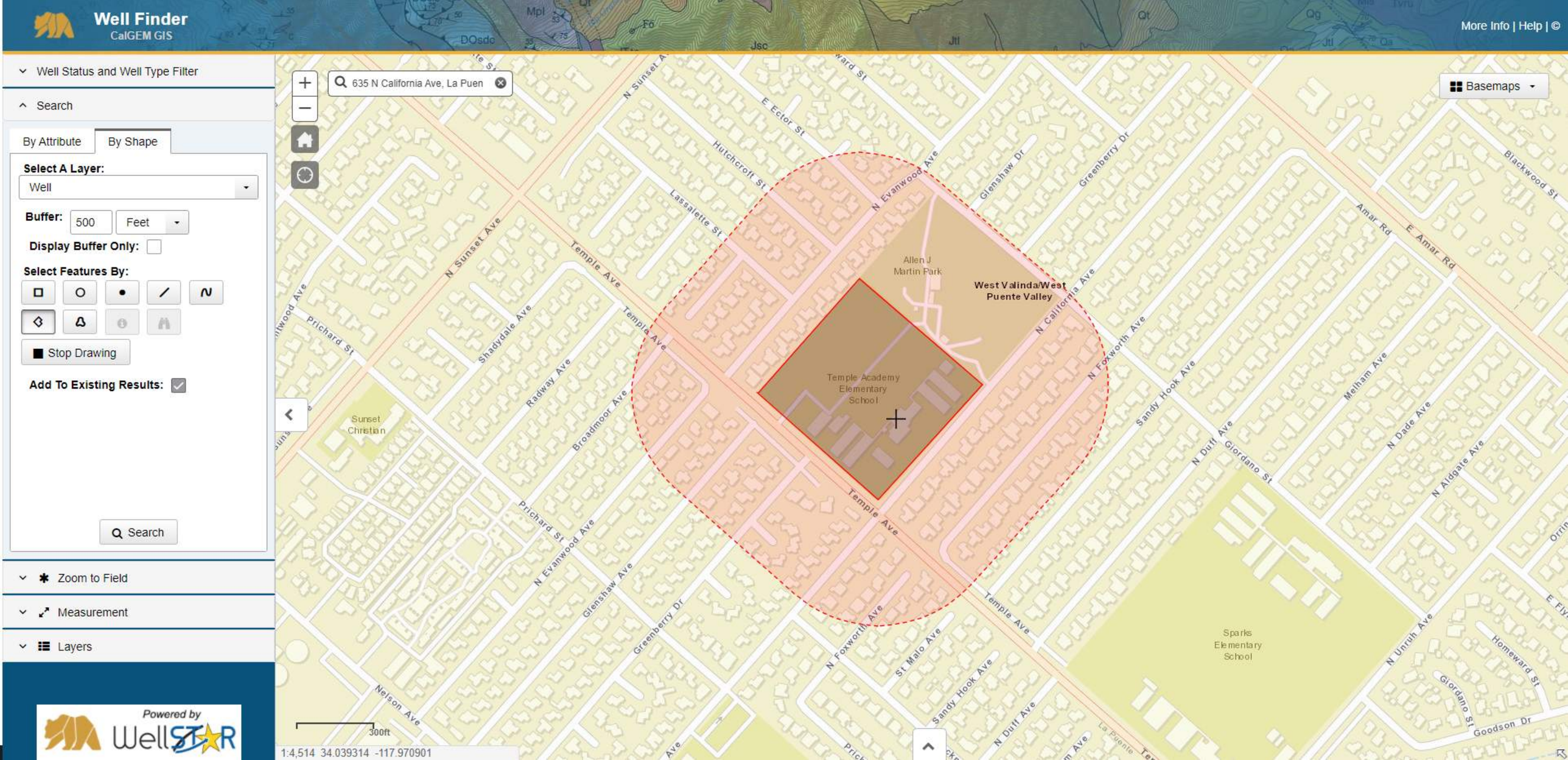


SITES FOUND IN SEARCH RADIUS



SITES FOUND IN SEARCH RADIUS — 0 SITES LISTED — EXPORT THIS LIST TO EXCEL

PROJECT NAME	STATUS	PROJECT TYPE	ADDRESS	CITY

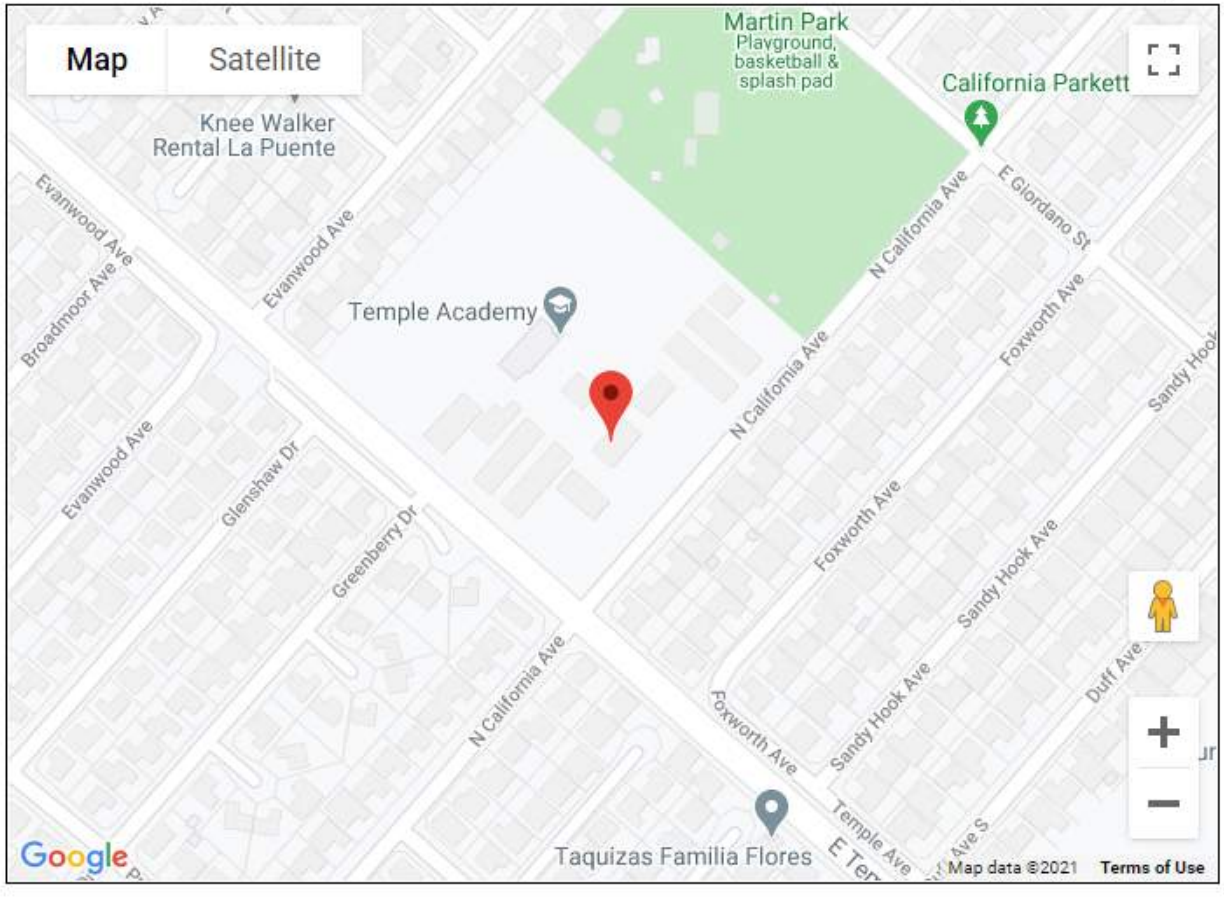

Well Finder
CalGEM GIS
More Info | Help | ©
Well Status and Well Type Filter
Search
By Attribute
By Shape
Select A Layer:
Well
Buffer:
500
Feet
Display Buffer Only:
Select Features By:
Stop Drawing
Add To Existing Results:
Search
Zoom to Field
Measurement
Layers
Powered by WellSTAR
635 N California Ave, La Puen
Basemaps
Allen J Martin Park
West Valinda/West Puente Valley
Temple Academy Elementary School
Sunset Christian
Sparks Elementary School
N Sunset Ave
Temple Ave
E Ector St
Hutchcroft St
Lassalette St
N Evanwood Ave
Glenshaw Dr
Greenberry Dr
N California Ave
N Foxworth Ave
Sandy Hook Ave
N Duff Ave
Giordano St
Amar Rd
E Amar Rd
Blackwood St
Melham Ave
N Dade Ave
N Aldgate Ave
Prichard St
Shadydale Ave
Radway Ave
Broadmoor Ave
St Malo Ave
N Unruh Ave
Homeward St
Goodson Dr
Nelson Ave
300ft
1:4,514 34.039314 -117.970901

Service Locator

Enter address and press the Search Location button.
To find services in your area, press the FIND SERVICES button.

635 N California Ave, La Puente, CA 91744, USA | Search Location | Unincorporated

Please select your services: ☑ Construction ☑ Utilities ☑ Road ☑ Transit | FIND SERVICES!



APPENDIX VII

RESUMES

Diana Arellano | Phase I Project Manager

5261 West Imperial Highway, Los Angeles, CA, 90045

310-854-6300 ext. 237
Diana.Arellano@efiglobal.com

Professional Summary:

Ms. Arellano has been in the environmental industry since 2017 and works directly with clients and regulatory bodies to investigate historical and current site uses of properties, assess environmental conditions, and assist in the development plans by which to resolve such conditions. Ms. Arellano's experience includes management of all stages of environmental projects, including Phase I Environmental Site Assessments, Transaction Screen Assessments, and Database Reviews.

Licenses and Certifications:

OSHA 8-Hour Hazardous Waste Operations Certified Refresher, Safety Unlimited, California, Certification No. 2004165209066

OSHA 40-Hour Hazardous Waste Operations Certified, Safety Unlimited, California, Certification No. 1709111209066

Project Experience:

Department of Toxic Substances Control (DTSC), Los Angeles, CA
EXIDE Battery Plant
Ms. Arellano assisted in the report preparation for more than 2,000 homes that were sampled to determine the presence of lead contamination through air dispersion. This project was in a heavily populated section of East Los Angeles.

Phase I Environmental Site Assessment at El Cajon, California
Served as the Project Manager of a Phase I Environmental Site Assessment for a six-acre property with historical chlorinated solvent usage, several former underground storage tanks, solid waste management units (SWMUs), and areas of concerns (AOCs) as determined by the DTSC. EFI global was able to identify closure for all SWMUSs and AOCs onsite and as well recommend additional investigation of a few underground storage tanks that were not properly abandoned under regulatory oversight.

Phase I / II Environmental Site Assessment at North Hollywood, California
Served as the Project Manager of a Phase I Environmental Site Assessment which was completed concurrently with a Phase II Environmental Site Assessment. The site was assessed due to former onsite die casting operations and chlorinated solvent usage by multiple tenants. After review of historical and regulatory resources, and results of a soil and soil vapor assessment, it was determined that the former operations and associated hazardous material usage did not represent an unacceptable risk to human health for continued industrial use.

Dry-Cleaning Projects, Throughout California
Served as the Project Manager for several Phase I Environmental Site Assessments of properties with former and active dry-cleaning operations. Specific challenges included obtaining and reviewing environmental sampling, remediation, and closure proceedings. EFI Global was able to determine if additional investigations were warranted for each site.

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Gasoline Service Station Projects, Throughout California
Served as the Project Manager for several Phase I Environmental Site Assessments of gasoline service station properties throughout the state. Specific challenges included obtaining and reviewing UST integrity documentation, and reviewing environmental sampling, remediation, and closure proceedings for prior UST removals and/or unauthorized releases.

Professional Experience:

EFI Global, Inc., Los Angeles, CA, Project Manager, 2019 - present
EFI Global, Inc., Los Angeles, CA, Environmental Specialist, 2017 – 2018

Education:

Bachelor's Degree in Environmental Studies, University of California, Santa Barbara, Santa Barbara, CA, 2016

References:

Nicole Rivera - EFI Global - 310.854.6300
5261 West Imperial Highway, Los Angeles, CA 90045

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Christopher Rude| Senior Project Manager

5261 West Imperial Highway, Los Angeles, California *310-854-6300*
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Professional Summary:

Mr. Christopher Rude is an Environmental Professional with approximately twenty-eight years of experience in hazardous materials, lab packing of hazardous wastes, Phase I Environmental Site Assessments, and Phase II Environmental Site Assessments throughout the country. Mr. Rude has worked directly with clients and regulatory agencies' to determine and assess environmental impacts, develop plans by which mitigate such conditions, and carry out the planned approach for closure. Mr. Rude's experience includes all aspects of environmental projects including Phase I Environmental Site Assessments, soil, soil vapor and groundwater sampling - Phase II Subsurface Site Assessments, site characterization, removal of Underground Storage Tanks (USTs) and multi-stage clarifiers, and remedial cleanups of properties impacted by arsenic, organochlorine pesticides, chlorinated solvents, and fuel hydrocarbons. Mr. Rude has successfully obtained closure for numerous Brownfield sites on behalf of clients from DTSC, Los Angeles Regional Water Quality Control Board, Los Angeles County, Los Angeles City, and Ventura County Environmental Health. Mr. Rude has conducted numerous soot sampling assessments for insurance companies associated with the wildfires in Southern California.

- Environmental Consulting
- Environmental Compliance
- Management of all stages of environmental projects including Phase I/II environmental site assessments

Licenses and Certifications:

OSHA 40-Hour Hazardous Waste Operations Certified
OSHA 8-Hour Hazardous Waste Operations and Emergency Response Certified –
Supervisor Refresher Training, CA, #150110572348
American Council for Accredited Certification - Council Certified Fire & Smoke Damage Technician
Environmental Professional, per the CFR Title 40, Chapter I, Subchapter J, Part 312, Subpart C, Section

Project Experience:

Current responsibilities as Senior Project Manager include the preparation of Phase I and Phase II Environmental Site Assessments within Los Angeles, Ventura, Santa Barbara, San Luis Obispo, Tulare, Kern, Fresno, and Kings Counties. Additional responsibilities include managing, mentoring and training Project Managers in all aspects of Phase I Environmental Site Assessments, marketing, and client relations, business development and project management.

Sunflower Valley Farms LLC, Multiple Locations in Kings and Kerns Counties, CA
Phase I Environmental Site Assessment
Senior Project Manager of a Phase I Environmental Site Assessment for a 12,685 acre ranch developed with agricultural land, 120 active or abandoned oil wells, active oil sumps, hazardous materials, pesticide storage areas, and aboveground storage tanks. Phase II recommendations were made for active oil wells and oil sumps.

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Primestor Development, Inc.
Phase I Environmental Site Assessment
Served as the Senior Project Manager of a Phase I ESA and Asbestos/Lead Based Paint Survey of a 31-acre retail-commercial mall developed with twelve retail structures and medical clinic totaling approximately 383,000 square feet. The retail mall had undergone numerous subsurface assessments and remedial cleanup associated with a Leaking Underground Storage Tank (LUST) and Spills, Leaks, Investigations, and Cleanups (SLIC) cases associated with a former gasoline service station and former dry cleaning facilities. Case closure was issued by the overseeing regulatory agency for the LUST case. Review of available documentation indicated that the SLIC case was to be issued case closure for soil and groundwater.

LS Realty Group, Los Angeles, CA
Phase I / II Environmental Site Assessment
Served as the Senior Project Manager of a Phase I Environmental Site Assessment report which was completed concurrently with a Phase II Environmental Site Assessment. The site was assessed due to the former underground storage tanks and long-term auto repair use of the property by multiple tenants. Results of the soil and soil vapor sampling assessment indicated that the former/current uses did not represent an unacceptable risk to human health for commercial use.

Has performed and provided project management on numerous Phase II Subsurface Site Assessments on properties impacted by chlorinated solvents, fuel hydrocarbons, agricultural pesticides, and heavy metals. Assessment activities also included oversight of geophysical surveys, sampling of soil, soil vapor, and groundwater using Geoprobe, hollow stem augers, and/or dual percussion air rotary rigs. Assessments also included monitoring for vapor intrusion and fixed gases. Conducted and prepared quarterly groundwater monitoring reports.

Professional Experience:

EFI Global Inc., Los Angeles, CA, Senior Project Manager, 2012 - Present
California Environmental, Agoura Hills, CA, Environmental Scientist, 1997 – 2012
MSE Environmental, Camarillo, CA, Environmental Specialist, 1992 – 1996

Specialized Education:

Assessment of LNAPL Volume, Mobility, and Recoverability for Recovery Systems;
Design and Risk-Based Corrective Action
National Groundwater Association, Houston Texas – November 2007

Seminar on National Pollutant Discharge Elimination Systems (NPDES)
Law Offices of Burke Williams & Sorensen LLP
Riverside, California – 2004

Education:

Bachelors of Art, Environmental Studies and Planning, Sonoma State University,
Rohnert Park, California, 1992

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Appendix C2

Phase II Environmental Site Assessment

Phase II Environmental Site Assessment Report

Performed at:
Proposed San Gabriel Aquatic Center
Ballfield at 635 North California Avenue
La Puente, California 91744

Prepared for:
Sirius Environmental
1478 North Altadena Boulevard
Pasadena, California 91107

Project Number:
045.06619

Report Date:
August 25, 2021

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Figure 1 Site Location Map
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Table 1 Volatile Organic Compounds in Soil Vapor

APPENDIX

Appendix A Geophysical Survey Report
Appendix A Laboratory Analytical Report

1.0 INTRODUCTION

EFI Global Inc. (EFI Global) has performed a Phase II Environmental Site Assessment (ESA) at an educational property located at 635 North California Avenue, in an unincorporated area of the City of La Puente, California (the Site). This assessment was performed based on the findings obtained from the EFI Global Phase I ESA, dated April 23, 2021 (Project Number 045.05245) which reported that the Site was located within an area of known regional chlorinated groundwater impacts from the San Gabriel Valley National Priorities List (SGV NPL) Area 4.

The Site is slated to be redeveloped with an aquatic center which will include: a 25 meter recreational pool, a 50 meter competition swimming pool, a pollinator garden, a shade structure, an amphitheater, a natural playground, a plaza, and an aquatic center structure within the northern ballfield portion of the school property. EFI Global was unable to rule out the potential for vapor intrusion from the SGV NPL into the proposed aquatic center structure and thus, the Site's location within an area with groundwater impacts related to the regional SGV NPL was considered a recognized environmental condition (REC) for the Site.

To evaluate the REC, EFI Global performed this Phase II ESA consisting of a total of thirteen soil vapor probes advanced in a grid-like array within the ballfield and small western parking lot portions of the Site. Soil vapor samples were analyzed for volatile organic compounds (VOCs) with an on-site mobile laboratory.

2.0 SITE INFORMATION

This section provides pertinent site information, including the location, description, and the geologic and hydrogeologic settings.

2.1 SITE LOCATION AND DESCRIPTION

The Site is located on the north side of the North California Avenue and East Temple Avenue intersection, in an unincorporated area of the City of La Puente. The school property is approximately 9.35 acres in size and is developed with several school structures within the eastern and southern portions, a ballfield within the central and northern portions, and a small parking lot within the western portion. The Site is currently occupied by Temple Elementary School. The remaining portions of the property consist of an asphalt-paved parking lot within the eastern portion of the property and limited landscaped areas.

2.2 PREVIOUS ENVIRONMENTAL INVESTIGATION

EFI Global prepared a *Phase I Environmental Site Assessment Report, Proposed San Gabriel Aquatic Center Project, 635 North California Avenue, La Puente, Californinia*, dated April 23, 2021. The Site was described as approximately 9.35 acres in size and developed with several school structures on the east and south portions occupied by the Temple Elementary School. The remaining portions of the Site consisted of an asphalt-paved parking lot enclosed by a chain-linked fence on the west portion and a recreational ballfield in the remainder. The Site was historically developed with a residence and agricultural land from1904 through at least 1953. By 1957, the Site was redeveloped with eight of the existing school structures and vacant areas utilized for recreational activities. The Site has remained in this configuration through the present and has solely been occupied by the Temple Elementary School. The Site was idenitifed within the SGV NPL area. The SGV NPL consists of regional groundwater impacted by trichloroethylene (TCE), tetrachloroethylene (PCE), 1,1-dichloroethene (1,1-DCE), and 1,4-dioxane. The groundwater plume is approximately 5 square miles in size and exists along the axis of the San Jose Creek in the San Gabriel Valley groundwater basin. The United States Environmental Protection Agency (USEPA), Los Angeles Regional Water Quality Control Board (LARWQCB), Department of Toxic Substances Control (DTSC), the Main San Gabriel Basin Watermaster, and the San Gabriel Basin Water Quality Authority are the lead agencies responsible for investigations and remedial activities. The remedial solutions adopted have included an extraction and treatment system which consist of extraction wells. EFI Global observed three

groundwater monitoring wells adjacent to the Site. Additional groundwater monitoring wells were observed adjacent to the northeast and southeast of the adjoining Allen J. Martin city park and within the residential neighborhood to the northwest. According to the San Gabriel Valley Basin *Groundwater Quality Management and Remediation Plan*, dated March 18, 2020, prepared by the San Gabriel Basin Water Quality Authority, these wells are associated to the Puente Valley Operable Unit for the monitoring of shallow and intermediate groundwater zones. According to the figures of the report, updated February 13, 2020, the contaminate plume that underlies the Site contains VOCs that are greater than the State of California maximum contaminant level (MCL). Given the identification of groundwater impacted with VOCs and groundwater reported less than 100 feet bgs, and the sensitive land use as a school, EFI Global could not rule out the potential for the plume to be underlying the Site as a Vapor Encroachment Condition (VEC) and representing a REC.

2.3 Regional and Hydrogeologic Setting

The Site is located within the eastern portion of the Los Angeles Basin, which is a part of the Peninsular Range geomorphic province, and located between the Pacific Ocean and west of the Puente Hills. The Peninsular Range geomorphic province is characterized by northwest-trending topographic and structural features and is bound by the Transverse Range province to the north and the Colorado Desert province to the east. The inland part of the Peninsular Range province consists of numerous mountain ranges that are composed predominantly of igneous and metamorphic rocks of the Mesozoic-age and Paleozoic-age. An irregular coastal plain is located on the western edge of the province (including the Los Angeles Coastal Plain and Basin), which is composed predominantly of marine and non-marine clastic deposits of Upper Cretaceous-, Tertiary- and Quaternary-age (*California Geomorphic Provinces Note 36,* California Geological Survey, December 2002).

Hydrogeologically, the Site is located in the eastern portion of Los Angeles County and within the San Gabriel Valley Groundwater Basin (Basin number 4-013). The San Gabriel Valley Groundwater Basin consists of water-bearing sediments that underlies the San Gabriel Valley and portions of the upper Santa Ana Valley that is located within Los Angeles County. The San Gabriel Valley is bound to the north by the Raymond fault and the contact between the Quaternary sediments and consolidated basement rocks of the San Gabriel Mountains (*California Department of Water Resources, Bulletin 118*, California's Groundwater, 2004). The closest surface water is the Puente Creek located approximately 1,700 feet to the south.

2.4 Local Geologic and Hydrogeologic Settings

The elevation of the Site is approximately 315 feet above mean sea level (Figure 1 Site Location Map; United States Geological Survey Baldwin Hills, California 7.5-minute topographic quadrangle). Based on our review of groundwater data presented in the State Water Resources Control Board (SWRCB) GeoTracker website, groundwater was detected at a leaking underground storage tank (LUST) site (CKS Investment, Inc., 15135 East Amar Road) approximately 0.47-mile (2,500 feet) east of the Site at approximately 70 to 100 feet below ground surface (bgs). Based on the compliance monitoring at the LUST site in 2021, the regional groundwater flow direction is estimated to be towards the northwest along Amar Road; however, local groundwater flow direction may vary. No wetlands were identified at the Site or immediately surrounding properties.

3.0 FIELD PREPARATION

EFI Global's field investigation included a geophysical survey to screen the proposed boring locations of utility conflicts, the installation of vapor probes, and the collection of soil vapor samples at the Site. The field activities conducted during the subsurface work are summarized in this section of the report.

3.1 Underground Utilities Clearance

Prior to conducting field activities, EFI Global personnel clearly marked the work area with white paint and visually inspected the Site for access limitations and other hindrances or issues that might be encountered during

fieldwork. Underground Service Alert (USA) was notified of the pending fieldwork a minimum of three full working days before mobilization, and the owners of subsurface utilities subsequently checked for utility conflicts. No utilities or other hindrances were identified in the chosen boring locations.

3.2 GEOPHYSICAL SURVEY

On July 9, 2021, and prior to soil vapor sampling, EFI Global field personnel directed Ground Penetrating Radar Services (GPRS) in performing a geophysical survey. The goal of the survey was to scan the 13 proposed sample locations in order to identify subsurface utilities or other subsurface features that may impede boring advancement. The geophysical survey was conducted using ground-penetrating radar (GPR) equipment and various utility line tracers. GPR uses electromagnetic pulses that are broadcasted into the ground and reflect back to an antenna located at the surface at different rates (depending on depth and materials encountered). No subsurface utilities or other obstructions were identified at the proposed boring locations. Appendix A contains a complete copy of the survey report.

4.0 FIELD ACTIVITIES

The investigation included conducting a soil vapor survey at the Site. The field activities conducted during the subsurface work are summarized in this section of the report.

4.1 BORING LOCATIONS AND OBJECTIVES

On July 9, 2021, EFI Global directed Optimal Technology (Optimal) to conduct a soil vapor survey throughout the Site to evaluate for the presence of VOCs in the subsurface. A total of thirteen soil vapor samples (B1-SV-5 through B13-SV-5) and one duplicate sample (B9-SV-5 Dup) were collected from thirteen sampling locations (B1 through B13; Figure 2 Site Plan) throughout the Site. The soil vapor sampling locations, investigation objectives, and soil vapor sampling depths are summarized in the table below:

Location ID	Sample Location / Investigative Objective	Soil Vapor Sample Depth (ft bgs)
B1	Western parking lot (Area of proposed parking lot)	5
B2	Western portion of the ballfield (Area of proposed parking lot)	5
B3	Northwestern portion of the ballfield (Area of proposed plaza)	5
B4	Northern portion of the ballfield (Area between pollinator garden and 25 meter recreational pool)	5
B5	Northern portion of the ballfield (Area between pollinator garden and northern portion of 25 meter recreational pool)	5
B6	North-central portion of the ballfield (Area adjacent to the north of the 25 meter recreational pool)	5
B7	South-central portion of the ballfield (Area beneath the footprint of the proposed aquatic center structure)	5
B8	Southern portion of the ballfield (Area of propsed parking lot)	5
B9	Western parking lot (Area of proposed parking lot)	5
B10	Southeastern portion of the ballfield (Service access area south of 50 meter competition pool)	5
B11	Southeastern portion of the ballfield (Adjacent to the east of the 50 meter competition pool)	5

Location ID	Sample Location / Investigative Objective	Soil Vapor Sample Depth (ft bgs)
B12	Northeastern portion of the ballfield (adjacent to the east of the 50 meter competition pool)	5
B13	East portion of the ballfield (North of existing school playground)	5

Notes:

ft bgs = feet below ground surface

4.2 SOIL VAPOR SAMPLING

On July 9, 2020, and upon completing the geophysical survey, EFI Global field personnel directed Optimal Technology to conduct a soil vapor survey to evaluate for the presence of VOCs in the subsurface of the Site. The survey activities are summarized below, and additional details are presented in Optimal's report, included as Appendix B.

4.2.1 Sample Location and Depths

A total of thirteen soil vapor samples and one duplicate sample were collected from thirteen locations as depicted in Figure 2 Site Plan. Borings B1 and B9 were advanced within the western parking lot. Borings B2 through B13 were advanced within the ballfield in a grid-like array. Soil vapor samples were collected at a depth of 5 feet bgs.

4.2.2 Soil Vapor Probe Installation

In the B1 and B9 locations, the surficial asphalt pavement was initially cored using a rotary hammer drill equipped with a 1-inch diameter percussion bit. The remaining eleven probes were placed within the grass ballfield. A temporary soil vapor sampling probe was then installed by advancing a decontaminated, steel vapor sampling rod to the target sampling depth using a rotary hammer drill. Upon reaching the target sampling depth, the probe was retracted slightly, revealing a 1-inch-long permeable screen.

4.2.3 Purging and Sampling

At each sampling location, an electric vacuum pump set to draw 200 milliliters per minute of soil vapor was attached to the probe, and the sample train was purged of three probe volumes before sampling. Each vapor sample was collected using a gas-tight syringe by puncturing the tubing connecting the sampling probe and the sampling pump and drawing the sample into the syringe.

4.2.4 Leak Testing

Leakage during soil vapor sampling may either dilute samples with ambient air and produce results that underestimate actual concentrations of VOCs in soil vapor, and/or contaminate samples with external contaminants. Therefore, a leak test was conducted at every probe location during the collection of each soil vapor sample.

Isobutane was selected as the leak check compound. During purging and sampling at each location, the compound was applied near locations where ambient air could enter the sampling system or where cross-contamination may occur immediately before sampling (i.e., at the vapor probe surface completion and along the sampling train). Isobutane was reported in the analyte list at a reporting limit of 1.00 micrograms per liter (µg/l). Isobutane was not detected in any of the analyzed soil vapor samples, indicating that there was no leakage in the sample train during sampling.

5.0 CHEMICAL ANALYSIS

All collected soil vapor samples were immediately transferred to Optimal's on-site mobile laboratory for VOC analysis by Modified United States Environmental Protection Agency (USEPA) Method 8260B. The certified laboratory report is included in Optimal's soil vapor survey report, which is presented in Appendix A.

5.1 SOIL VAPOR ANALYTICAL RESULTS

Table 1 presents a summary of soil vapor analytical results, which are summarized as follows:

- Benzene was detected two of the thirteen soil vapor samples at concentrations of 0.012 micrograms per liter (µg/l) and 0.031 µg/l in samples B8-SV-5 and B10-SV-5, respectively.
- Ethylbenzene was detected in 1 of the 13 soil vapor samples analyzed at a concentration of 0.20 µg/l in sample B8-SV-5.
- No other VOCs were detected at concentrations above their laboratory detection limits (i.e., "non-detect") in any of the soil vapor samples analyzed.

As soil vapors migrate vertically from the subsurface to the sub-slab and potentially into indoor air (i.e. via vapor intrusion), subsurface structures including the slab attenuate concentrations of VOCs from the subsurface before their potential intrusion into the building. A preliminary method to evaluate if detected VOCs in soil vapor represent the potential for infiltration into building structures at concentrations posing an unacceptable risk to human health has been presented by the DTSC in the *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (*Vapor Intrusion Guidance*) document (DTSC, October 2011).

As a preliminary screening evaluation tool, the *Vapor Intrusion Guidance* provides default attenuation factors (α) for soil vapor data. These attenuation factors can be used in conjunction with screening levels that have been established for indoor air. The *Vapor Intrusion Guidance* provides the following formula to estimate indoor air concentrations based on soil vapor data:

$$\alpha = (C_{indoor} / C_{soil\ vapor})$$

where:

α	=	Attenuation Factor
C_{indoor}	=	Indoor Air Concentration
$C_{soil\ vapor}$	=	Soil Vapor Concentration

For the purposes of calculating a preliminary, conservative DTSC screening level (DTSC-SL), an α of 0.03 was used, which has recently become the industry-wide standard attenuation factor.

There are two methods whereby the formulas above can be used to evaluate site-specific analytical data, as follows:

- Method 1: Soil vapor sample analytical results can be multiplied by the attenuation factor to calculate the estimated concentrations of VOCs that would be anticipated in indoor air. These estimated concentrations can then be compared directly to the established screening levels for indoor air.
- Method 2: The established screening levels for indoor air can be divided by the attenuation factor to convert them into screening levels for soil vapor. The soil vapor analytical results can then be compared to these calculated screening levels, which represent the maximum concentrations of VOCs that may be present in soil vapor without resulting in an unacceptable risk to building occupants.

Indoor air screening levels are sourced from two repositories.

1. Regional Screening Levels (RSLs) have been developed by the EPA using default exposure and toxicity criteria to provide conservative screening levels, whereby concentrations of contaminants below such

levels are not considered to represent a significant risk (including cancer and non-cancer risks) to human receptors. EPA publishes RSLs periodically. The most current release is dated May 2021. For the Site, the "Target Risk = 1E-06, Target Hazard Quotient = 1.0" RSL data set is appropriate to use.

2. DTSC recommends the use of alternative screening levels based on toxicity criteria reviewed by DTSC's Human and Ecological Risk Office (HERO). DTSC-modified Screening Levels (DTSC-SLs) are updated periodically and published in *Human Health Risk Assessment (HHRA) Note, HERO HHRA Note Number: 3, DTSC-modified Screening Levels (DTSC-SLs), Release Date: June 2020* (Note 3). For compounds that have screening criteria listed in Note 3, the alternative screening levels are used instead of RSLs.

The detections of benzene and ethylbenzene exceed the residential screening level for benzene and ethylbenzene of 0.003 µg/l and 0.037 µg/l, respectively. No VOCs were were detected above laboratory reporting limits (i.e., "non-detect") beneath the proposed aquatic center structure footprint. Additionally, no other VOCs were detected in any of the remaining soil vapor samples analyzed.

Given the absence of other VOCs, and the historical use of the Site as a ballfield with a small parking lot, it is our opinion that the benzene and ethylbenzene detected in soil vapor did not originate from an on-site release.

6.0 CONCLUSIONS AND RECOMMENDATIONS

EFI Global has performed a Phase II ESA at the educational property located at 635 California Street, in an unincorporated area of the City of La Puente, California. This assessment was based on the findings of EFI Global's Phase I ESA, which reported that the Site was located within an area of known regional groundwater contamination from the SGV NPL. The Site is slated to be redeveloped with an aquatic center which will include a 25 meter recreational swimming pool, a 50 meter competition swimming pool, a pollinator garden, a shade structure, an amphitheater, a natural playground, a plaza, and an aquatic center structure. EFI Global Inc. was unable to rule out the potential for vapor intrusion into the proposed aquatic center structure thus, the Site's location within the SGV NPL was considered a REC.

Accordingly, EFI Global conducted this soil vapor survey to assess the Site for the potential for vapor intrusion into the aquatic center structure. The scope of work was as follows:

- Thirteen soil vapor probes were advanced within the western parking lot and within the ballfield portions of the Site and analyzed for VOCs.

The following are EFI Global's conclusions based on the results of the assessment activities detailed herein:

- Benzene was detected at 0.012 µg/l in sampling location B8, which was advanced within the proposed parking lot and at 0.031 µg/l in B10, which was advanced near the proposed service access road and competion pool. Ethylbenzene was detected in 1 of the 13 soil vapor locations at 0.2 µg/l in B8. No VOCs were were detected above laboratory reporting limits (i.e., "non-detect") beneath the proposed aquatic center structure footprint. Additionally, no other VOCs were detected in any of the remaining soil vapor samples analyzed. The detections of benzene and ethylbenzene exceed the residential screening level for benzene and ethylbenzene of 0.003 µg/l and 0.037 µg/l, respectively.

  Given the absence of other VOCs, and the historical use of the Site as a ballfield with a small parking lot, it is EFI Global's opinion that the benzene and ethylbenzene detected in soil vapor did not originate from an on-site release.

Based on the results of the assessment activities detailed herein, only 2 out of the 13 soil vapor samples collected and analyzed contained detectable concentrations of VOCs (benzene and ethylbenzene). Further, the detections are considered to be very low despite exceeding the residential SLs, are not indicative that a significant subsurface chemical release has occurred at the Site, and are unlikely to create a vapor intrusion condition within the future structure. Nonetheless, due to the SL exceedances and planned Site use as a school (a sensitive receptor), a

vapor barrier could be installed beneath the future structure as a proactive/conservative measure. Otherwise, no additional testing or remediation is considered to be warranted.

7.0 SIGNIFICANT ASSUMPTIONS AND RELIANCE

This report has been prepared in accordance with generally-accepted environmental methodologies and industry standards as they relate to the Data Quality Objectives of the assessment. No warranties, expressed or implied, are made as to the professional services provided under the terms of EFI Global's contract(s) or specified in this report. This assessment has been conducted, in part, based on information, data or reports provided or prepared by others. EFI Global reviews and interprets these documents in good faith and relies that the provided data and documents are true and accurate.

Environmental conditions at the site were assessed or interpreted within the context of EFI Global's contract(s) and existing environmental regulations of applicable jurisdiction(s) as of the date of the report. Regulatory requirements, regulations and guidance are subject to change subsequent to the date of the report. Unless otherwise stated in the report, evaluating compliance of past, present or future owners with applicable local, provincial and federal government laws and regulations was not included within the scope of the assessment.

The environmental assessment is limited by the availability of information at the time of the assessment. The conclusions and recommendations regarding environmental conditions presented in this report are based on a scope of work authorized by the Client. It is possible that unreported conditions impairing the environmental status of the site may have occurred which could not be identified. EFI Global's opinions cannot be extended to portions of the site that were unavailable for direct access and observation reasonably beyond the control of EFI Global or outside of the scope of the assessment. Environmental assessment activities, particularly the sampling of soil, vapor (air), groundwater and structure materials, represent those conditions which are present at the time of sampling within the immediate vicinity of the sample(s) collected. Although sampling plans are developed in an attempt to provide what is interpreted as sufficient coverage within the assessment area to achieve the investigative objectives, no extent of sampling can guarantee all environmental conditions, potential chemicals of concern (man-made or naturally occurring) and concentrations at which they occur have been identified and quantified absolutely. The assessment performed and outlined in this report was based, in part, upon visual observations of the site and attendant structures. It should be noted that compounds, materials or chemicals of potential concern other than those described could be present in the site environment, and the possibility remains that unexpected environmental conditions may be encountered at the site in locations not specifically investigated.

All components of this report, including but not limited to text, signatures, certifications, figures, tables, attachments, appendices, supporting documents and addenda are integral to the reporting of the assessment. This report may not be reproduced, except in full, without written approval of EFI Global.

This report has been prepared for the sole use of Sirius Environmental. The contents should not be relied upon by any other parties without the express written consent of Sirius Environmental and EFI Global.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

This investigation has been performed by qualified geologists, engineers, industrial hygienists, environmental scientists, and/or environmental professionals, in conformance with generally-accepted industry standards and practices.



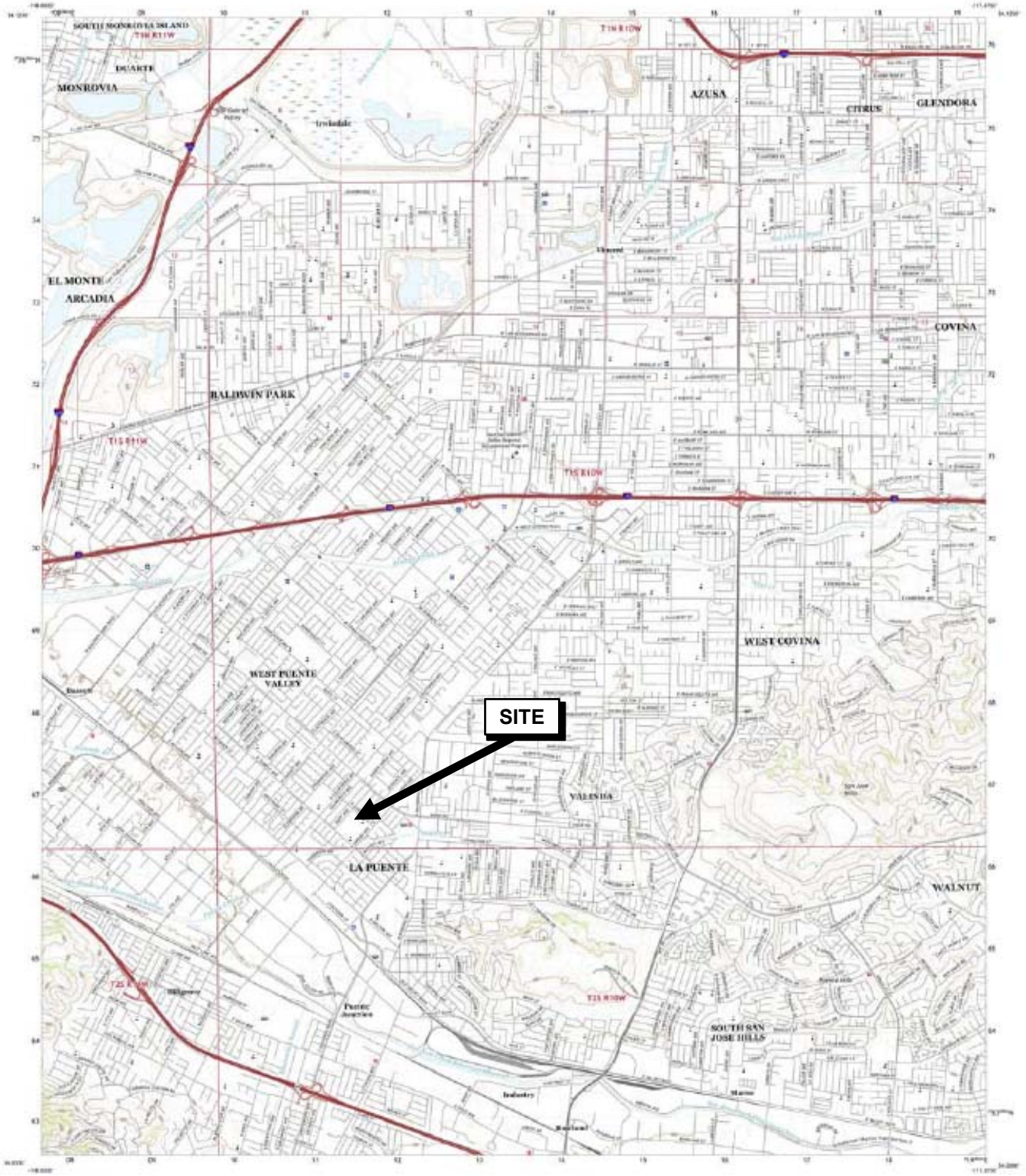
Christopher Rude
Senior Project Manager





Brian Martasin, PG
Professional Geologist No. 8356
Principal Geologist

FIGURES



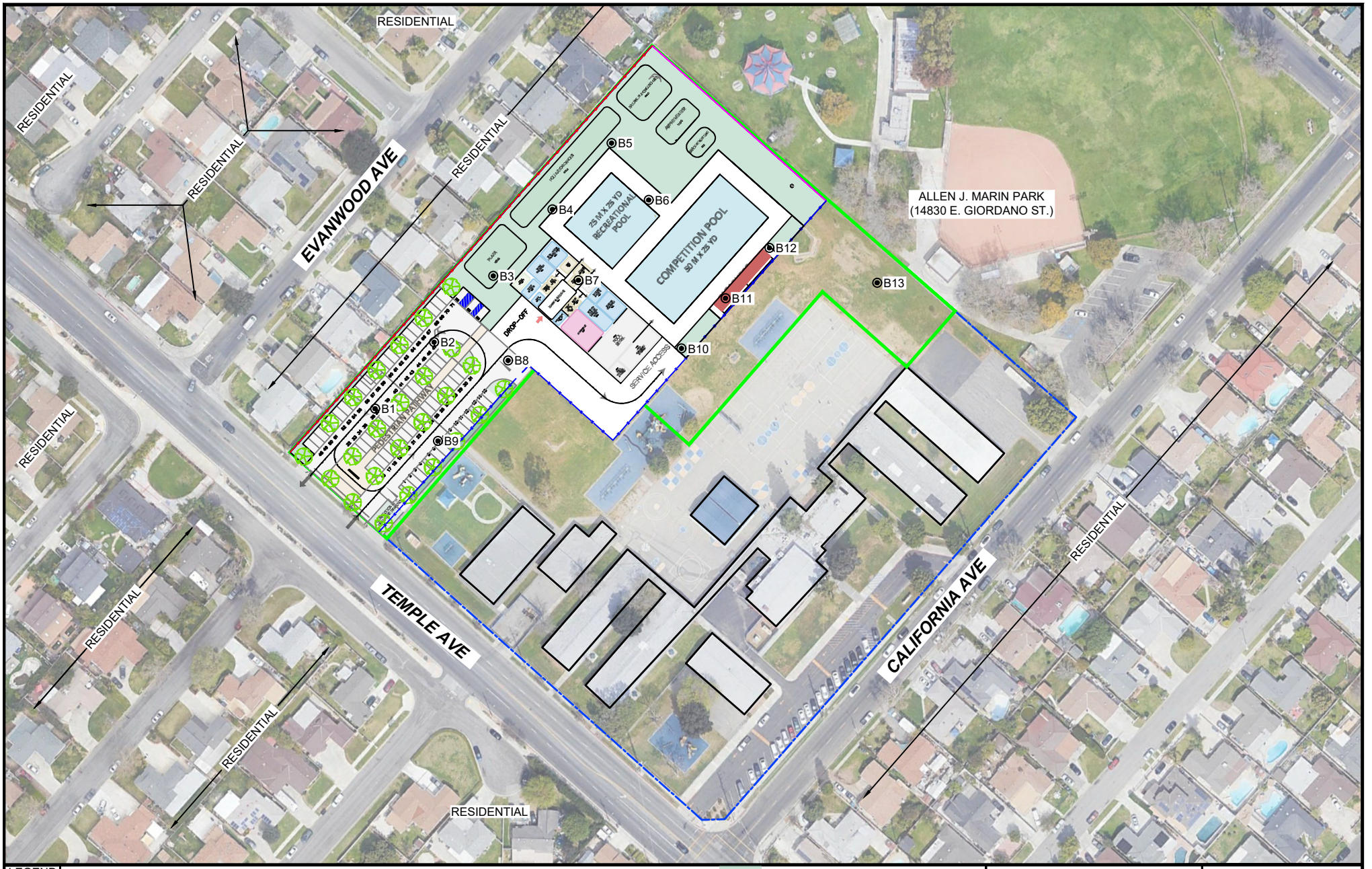
efi global

Figure 1
Site Location Map

635 North California Avenue
La Puente, California 91744

Source:
USGS Baldwin Park, CA 7.5 Minute Topographic Map

Project Number: 045.6619



LEGEND

- PROPERTY LINE
- SUBJECT STRUCTURE
- APPROXIMATE PROJECT BOUNDARY
- EXISTING FENCE
- B13 PROPOSED SOIL VAPOR PROBE LOCATION
- PUBLIC ACCESS
- BUILDINGS
- POOL
- FENCE TO BE REMOVED
- NEW FENCE
- PEDESTRIAN PATHWAY/CIRCULATION
- PARKING
- LANDSCAPE OPPORTUNITIES

APPROX. SCALE: 1"=150'

0 75' 150'

SITE PLAN

635 N CALIFORNIA AVE
LA PUENTE CA 91744

efi global

PN: 045.05245	FIGURE 2
DT: 7/23/2021	
DB: HM | CB: DA	

K:\CommonData\AE 2021\Projects 2021\045 Projects 2021\045.06619_Ballfield of 635 North California Avenue, La Puente, CA 91744_ PH II\045.06619_CAD\045.06619_SitePlan

TABLE

Table 1: Volatile Organic Compounds in Soil Vapor
San Gabriel Valley Aquatic Center
635 North California Avenue, La Puente, California 93101

Sample ID	Probe Depth (ft bgs)	Date	Modified EPA Method 8260B (µg/l)			
			Benzene	Ethylbenzene	LCC	All Other EPA 8260B VOC Analytes
B1-SV-5	5	7/9/2021	ND < 0 .003	ND < 0 .03	ND < 1.00	ND
B2-SV-5	5	7/9/2021	ND < 0 .003	ND < 0 .03	ND < 1.00	ND
B3-SV-5	5	7/9/2021	ND < 0 .003	ND < 0 .03	ND < 1.00	ND
B4-SV-5	5	7/9/2021	ND < 0 .003	ND < 0 .03	ND < 1.00	ND
B5-SV-5	5	7/9/2021	ND < 0 .003	ND < 0 .03	ND < 1.00	ND
B6-SV-5	5	7/9/2021	ND < 0 .003	ND < 0 .03	ND < 1.00	ND
B7-SV-5	5	7/9/2021	ND < 0 .003	ND < 0 .03	ND < 1.00	ND
B8-SV-5	5	7/9/2021	**0.012**	**0.2**	ND < 1.00	ND
B9-SV-5	5	7/9/2021	ND < 0 .003	ND < 0 .03	ND < 1.00	ND
B9-SV-5 DUP	5	7/9/2021	ND < 0 .003	ND < 0 .03	ND < 1.00	ND
B10-SV-5	5	7/9/2021	**0.031**	ND < 0 .03	ND < 1.00	ND
B11-SV-5	5	7/9/2021	ND < 0 .003	ND < 0 .03	ND < 1.00	ND
B12-SV-5	5	7/9/2021	ND < 0 .003	ND < 0 .03	ND < 1.00	ND
B13-SV-5	5	7/9/2021	ND < 0 .003	ND < 0 .03	ND < 1.00	ND
Residential-SL[1]			**0.003**	**0.037**	**NA**	**Varies**

Notes:

ft bgs = feet below ground surface

EPA = United States Environmental Protection Agency

µg/l = micrograms per liter

LCC = Leak Check Compound

Isobutane was used as the LCC

VOC = Volatile Organic Compound

ND = Not Detected at or above the detection limit

[1]Residential Screenng Levels were calculated using the EPA default attenuation factor of 0.03 and the method outlined in the Department of Toxic Substances Control's (DTSC's) *Vapor Intrusion Guidance* (DTSC, October 2011). The residential SL for benzene was calculated using DTSC-modified Screening Level for residential air in Human Health Risk Assessment (HHRA) Note 3 (DTSC, June 2020). The residential SL for ethylbenzene was calculated using the USEPA Screening Level for residential air in the Regional Screening Level Summary Table (Target Cancer Risk = 1E-06, Hazard Qutionetnt = 1 (USEPA, May 2021).

APPENDIX A

Geophysical Survey Report

Job Summary

Job Date : 7/9/2021

Customer	EFI Global	**Phone Number**	(310) 854-6300

Billing Address	City	State	Zip
5261 West Imperial Hwy.	Los Angeles	CA	90045

Job Details

Jobsite Location	635 N CALIFORNIA AVE
City	LA PUENTE
State	CA

WA Number	279135
Job Num	
PO Num	

Lead Technician	QUIRE, JOSEPH	**Phone**	747-758-9663	**Email**	joseph.quire@gprsinc.com

Thank you for using GPRS on your project. We appreciate the opportunity to work with you. If you have questions regarding the results of this scanning, please contact the lead GPRS technician on this project.

EQUIPMENT USED

The following equipment was used on this project:

- Underground Scanning GPR antenna. Typically capable of detecting objects up to 8' deep or more in ideal conditions but maximum effective depth can vary widely and depends on site and soil conditions. Depth penetration is most commonly limited by moisture and clay/conductive soils. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.
- Electromagnetic Pipe and Cable Locator. Detects electromagnetic fields. Used to actively trace conductive pipes and tracer wires, or passively detect power and radio signals traveling along conductive pipes and utilities. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.

Work Performed

Ground Penetrating Radar Systems performed the following work on this project:

Underground Utility

The scope of work included scanning the specified area to locate underground utilities. A tracer signal was sent along any accessible metallic utility or tracer wire, and the area was scanned with GPR to locate any additional targets. The locations of any detected utilities and anomalies were marked directly at the site with paint, flags, stakes, or other appropriate means, and results were reviewed with onsite personnel unless otherwise noted.

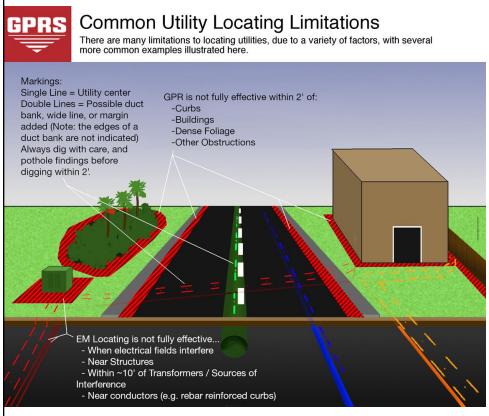
- The scope of work included scanning the areas around proposed soil borings. A radius of approximately 10' around each proposed soil boring was scanned unless otherwise noted. A total of 13 boring locations were scanned.
- Scan for underground utilities running through scope of work.
- The effective depth of GPR will vary throughout a site depending on surface and soil conditions. In this area, the maximum effective GPR depth was approximately 2 feet.

Job Summary

Job Date : 7/9/2021

- Scanned locations to find under ground utilities. Marked out unknown lines in pink. Told client to stay2-3’ off all marks. Told client to stay within all borders. Told client if they need to move locations to call back out GPRS for more scanning.

Pictures



Utility Limitations





Job Summary

Job Date : 7/9/2021







Job Summary

Job Date : 7/9/2021







Job Summary

Job Date : 7/9/2021



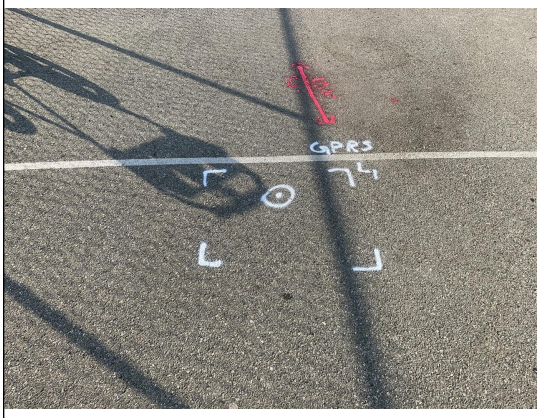




Job Summary

Job Date : 7/9/2021

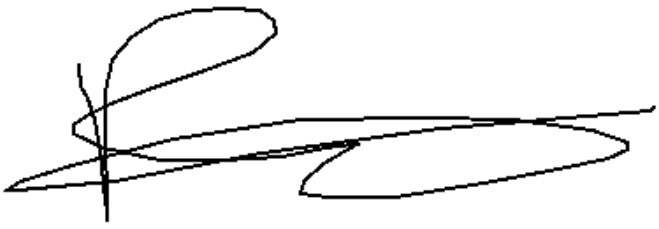




TERMS & CONDITIONS

http://www.gprsinc.com/termsandconditions.html

SIGNATURE

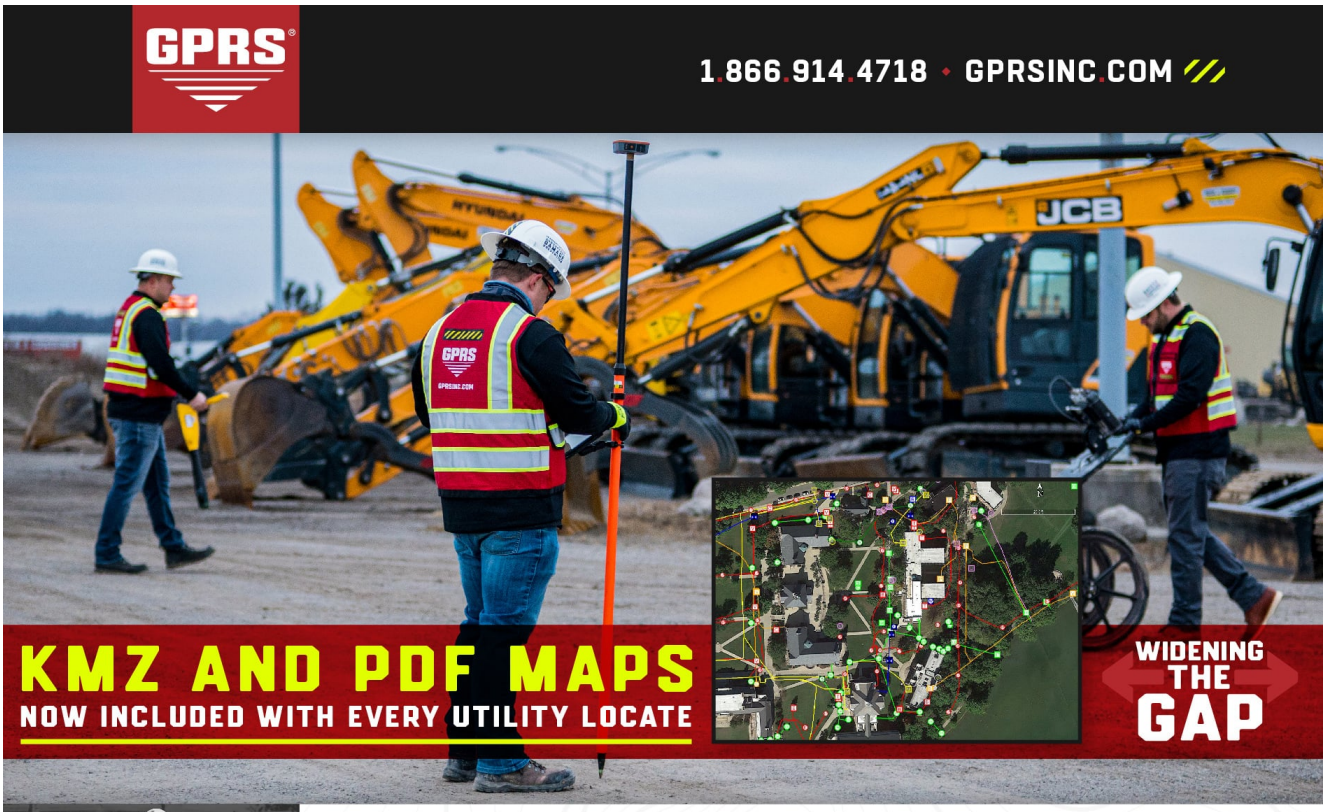


Contact Name

Christopher rude (310) 854-6300 Christopher.rude@efiglobal.com

Job Summary

Job Date : 7/9/2021





UTILITY LOCATING

To ensure the overall timely success of your project, utility detection is critical to any construction project where subsurface excavation is planned. If this critical first step is ignored, the risk for injury increases, budget overruns can multiply and your schedule can be delayed.

VIDEO PIPE INSPECTION

Video Pipe Inspection (CCTV) is a service used to inspect underground water, sewer and lateral pipelines. VPI is a great tool for investigating cross-bores, structural faults and damages, and lateral line inspection.

CONCRETE IMAGING

With new build construction and renovation projects, the likelihood of needing to cut or core concrete is high. There is an inherent risk of striking rebar, conduits, and post tension cables during the cutting or coring process. Our industry-leading concrete scanning services can mitigate the risks associated with saw cutting and core drilling concrete slabs.

MAPPING & MODELING

As-built utility maps, structural as-built drawings, and facility maps are actually meant to be “as-intended” drawings as the construction process or renovations can cause deviations to the original plan. GPRS can create a comprehensive facility map that contains precise as-built conditions – giving you peace of mind by knowing exactly what exists on your property.

APPENDIX B

Laboratory Analytical Report

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

July 12, 2021

Mr. Chris Rude
EFI Global Inc.
5261 West Imperial Highway
Los Angeles, CA 90045

Dear Mr. Rude:

This letter presents the results of the soil vapor investigation conducted by Optimal Technology (Optimal), for EFI Global Inc. on July 9, 2021. The study was performed at 635 N. California Ave., La Puente, California.

Optimal was contracted to perform a soil vapor survey at this site to screen for possible chlorinated solvents and aromatic hydrocarbons. The primary objective of this soil vapor investigation was to determine if soil vapor contamination is present in the subsurface soil.

Gas Sampling Method

Gas sampling was performed by hydraulically pushing soil gas probes to a depth of 5.0 feet below ground surface (bgs). An electric rotary hammer drill was used to drill a 1.0-inch diameter hole through the overlying surface to allow probe placement when required. The same electric hammer drill was used to push probes in areas of resistance during placement.

At each sampling location, an electric vacuum pump set to draw 0.2 liters per minute (L/min) of soil vapor was attached to the probe and purged prior to sample collection. Vapor samples were obtained in gas-tight syringes by drawing the sample through a luer-lock connection which connects the sampling probe and the vacuum pump. Samples were immediately injected into the gas chromatograph/purge and trap after collection. New tubing was used at each sampling point to prevent cross contamination.

All analyses were performed on a laboratory grade Agilent model 6890N gas chromatograph equipped with an Agilent model 5973N Mass Spectra Detector and Tekmar LSC 3100 Purge and Trap. A Restek column using helium as the carrier gas was used to perform all analysis. All results were collected on a personal computer utilizing Agilent's MS and chromatographic data collection and handling system.

Quality Assurance

5-Point Calibration
The initial five-point calibration consisted of 20, 50, 100, 200 and 500 ul injections of the calibration standard. A calibration factor on each analyte was generated using a best fit line method using the Agilent data system. If the r^2 factor generated from this line was not greater than 0.990, an additional five-point calibration would have been performed. Method reporting limits were calculated to be 0.001-1.0 micrograms per Liter (ug/L) for the individual compounds.

A daily calibration check was performed using a pre-mixed standard supplied by Scotty Analyzed Gases. The standard contained common halogenated solvents and aromatic hydrocarbons (see Table 1). The individual compound concentrations in the standards ranged between 0.025 nanograms per microliter (ng/ul) and 0.25 ng/ul.

TABLE 1

Dichlorodifluoromethane	Carbon Tetrachloride	Chloroethane
Trichlorofluoromethane	1,2-Dichloroethane	Benzene
1,1-Dichloroethene	Trichloroethene	Toluene
Methylene Chloride	1,1,2-Trichloroethane	Ethylbenzene
trans-1,2-Dichloroethene	Tetrachloroethene	m-/p-Xylene
1,1-Dichloroethane	Chloroform	o-Xylene
cis-1,2-Dichloroethene	1,1,1,2-Tetrachloroethane	Vinyl Chloride
1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	Freon 113
4-Methyl-2-Pentanone	Cyclohexane	Acetone
Chlorobenzene	2-Butanone	Isobutane

Sample Replicates
A replicate analysis (duplicate) was run to evaluate the reproducibility of the sampling system and instrument. The difference between samples did not vary more than 20%.

Equipment Blanks
Blanks were run at the beginning of each workday and after calibrations. The blanks were collected using an ambient air sample. These blanks checked the septum, syringe, GC column, GC detector and the ambient air. Contamination was not found in any of the blanks analyzed during this investigation. Blank results are given along with the sample results.

Tracer Gas Leak Test
A tracer gas was applied to the soil gas probes at each point of connection in which ambient air could enter the sampling system. These points include the top of the sampling probe where the tubing meets the probe connection and the surface bentonite seals. Isobutane was used as the tracer gas. No Isobutane was found in any of the samples collected.

Purge Volume
The standard purge volume of three volumes was purged in accordance with the July 2015 DTSC/RWQCB Advisory for Active Soil Gas Investigations.

Shut-in Test
A shut-in test was conducted prior to purging or sampling each location to check for leaks in the above-ground sampling system. The system was evaluated to a minimum measured vacuum of 100 inches of water. The vacuum gauge was calibrated and sensitive enough to indicate a water pressure change of at least 0.5 inches.

Scope of Work

To achieve the objective of this investigation a total of 14 vapor samples were collected from 13 locations at the site. Sampling depths, vacuum readings, purge volume and sampling volumes are given on the analytical results page. All the collected vapor samples were analyzed on-site using Optimal's mobile laboratory.

Subsurface Conditions

Subsurface soil conditions at this site offered sampling flows at 0" water vacuum.

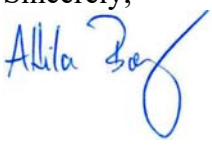
Results

During this vapor investigation, two samples contained levels of Benzene ranging from 0.012 ug/L to 0.031 ug/L. One sample contained 0.20 ug/L of Ethylbenzene. None of the other compounds listed in Table 1 above were detected above the listed reporting limits. A complete table of analytical results is included with this report.

Disclaimer

All conclusions presented in this letter are based solely on the information collected by the soil vapor survey conducted by Optimal Technology. Soil vapor testing is only a subsurface screening tool and does not represent actual contaminant concentrations in either the soil and/or groundwater. We enjoyed working with you on this project and look forward to future projects. If you have any questions, please contact me at (877) 764-5427.

Sincerely,



Attila Baly
Project Manager

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

SOIL VAPOR RESULTS

Site Name: 635 N. California Ave., La Puente, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: Agilent 6890NF
Detector: Agilent 5973N Mass Spectrometer

Date: 7/9/21

SAMPLE ID	BLANK-1	B1-SV-5	B2-SV-5	B3-SV-5	B4-SV-5	B5-SV-5	B6-SV-5	B7-SV-5
Sampling Depth (Ft.)	N/A	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Purge Volume (ml)	N/A	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Vacuum (in. of Water)	N/A	0	0	0	0	0	0	0
Injection Volume (ul)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Dilution Factor	1	1	1	1	1	1	1	1

COMPOUND	REP. LIMIT	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)
Dichlorodifluoromethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	0.03	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.004	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	0.002	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.003	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	0.01	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	0.01	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.01	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.001	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	1.00	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	1.00	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.20	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.003	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.03	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1.00	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane (Tracer Gas)	1.00	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Reporting Limit

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

SOIL VAPOR RESULTS

Site Name: 635 N. California Ave., La Puente, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: Agilent 6890NF
Detector: Agilent 5973N Mass Spectrometer

Date: 7/9/21

SAMPLE ID	B8-SV-5	B10-SV-5	B11-SV-5	B13-SV-5	B12-SV-5	B9-SV-5	B9-SV-5 Dup	
Sampling Depth (Ft.)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
Purge Volume (ml)	1,500	1,500	1,500	1,500	1,500	1,500	1,500	
Vacuum (in. of Water)	0	0	0	0	0	0	0	
Injection Volume (ul)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	
Dilution Factor	1	1	1	1	1	1	1	

COMPOUND	REP. LIMIT	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	CONC (ug/L)	
Dichlorodifluoromethane	1.00	ND	ND	ND	ND	ND	ND	ND	
Chloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	
Trichlorofluoromethane	1.00	ND	ND	ND	ND	ND	ND	ND	
Freon 113	1.00	ND	ND	ND	ND	ND	ND	ND	
Methylene Chloride	0.03	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethane	0.05	ND	ND	ND	ND	ND	ND	ND	
Chloroform	0.004	ND	ND	ND	ND	ND	ND	ND	
1,1,1-Trichloroethane	1.00	ND	ND	ND	ND	ND	ND	ND	
Carbon Tetrachloride	0.002	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichloroethane	0.003	ND	ND	ND	ND	ND	ND	ND	
Trichloroethene (TCE)	0.01	ND	ND	ND	ND	ND	ND	ND	
1,1,2-Trichloroethane	0.005	ND	ND	ND	ND	ND	ND	ND	
Tetrachloroethene (PCE)	0.01	ND	ND	ND	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethane	0.01	ND	ND	ND	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	0.001	ND	ND	ND	ND	ND	ND	ND	
Vinyl Chloride	0.001	ND	ND	ND	ND	ND	ND	ND	
Acetone	1.00	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethene	1.00	ND	ND	ND	ND	ND	ND	ND	
trans-1,2-Dichloroethene	1.00	ND	ND	ND	ND	ND	ND	ND	
2-Butanone (MEK)	1.00	ND	ND	ND	ND	ND	ND	ND	
cis-1,2-Dichloroethene	0.20	ND	ND	ND	ND	ND	ND	ND	
Cyclohexane	1.00	ND	ND	ND	ND	ND	ND	ND	
Benzene	0.003	**0.012**	**0.031**	ND	ND	ND	ND	ND	
4-Methyl-2-Pentanone	1.00	ND	ND	ND	ND	ND	ND	ND	
Toluene	1.00	ND	ND	ND	ND	ND	ND	ND	
Chlorobenzene	1.00	ND	ND	ND	ND	ND	ND	ND	
Ethylbenzene	0.03	**0.20**	ND	ND	ND	ND	ND	ND	
m/p-Xylene	1.00	ND	ND	ND	ND	ND	ND	ND	
o-Xylene	1.00	ND	ND	ND	ND	ND	ND	ND	
Isobutane (Tracer Gas)	1.00	ND	ND	ND	ND	ND	ND	ND	

Note: ND = Below Listed Reporting Limit

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

CHAIN OF CUSTODY FORM

Site Name/Number		PO# / Project Ref#	
Site Address	**635 N. California Ave., La Puente, CA**		
Company Name			
Contact Person(s):		Phone#	Email:
Comments:			

				TESTS REQUIRED (please mark with an "X")			
Sample Identification	Sampling Device	Date Collected	Time Collected	**Soil Gas Mod 8260B**	**Soil Gas Mod 8021B**	**Soil Gas Mod 8015**	**Notes**
BLANK-1	Syringe	7/9/21	7:11 AM	x			
B1-SV-5	Syringe	7/9/21	7:52 AM	x			
B2-SV-5	Syringe	7/9/21	8:14 AM	x			
B3-SV-5	Syringe	7/9/21	8:42 AM	x			
B4-SV-5	Syringe	7/9/21	9:06 AM	x			
B5-SV-5	Syringe	7/9/21	9:30 AM	x			
B6-SV-5	Syringe	7/9/21	9:54 AM	x			
B7-SV-5	Syringe	7/9/21	10:21 AM	x			
B8-SV-5	Syringe	7/9/21	10:48 AM	x			
B10-SV-5	Syringe	7/9/21	11:12 AM	x			
B11-SV-5	Syringe	7/9/21	11:37 AM	x			
B13-SV-5	Syringe	7/9/21	12:02 PM	x			
B12-SV-5	Syringe	7/9/21	12:26 PM	x			
B9-SV-5	Syringe	7/9/21	12:50 PM	x			
B9-SV-5 Dup	Syringe	7/9/21	12:50 PM	x			

Collected & Tested by:

Attila Bo

1667 Cross Bridge Place, Thousand Oaks, CA 91362 • Toll Free (877) SOIL GAS (764-5427) • (818) 734-6230 • Fax (818) 734-6235

Appendix D
Transportation Impact Analysis

1100 Corporate Center Drive, Suite 201, Monterey Park, CA 91754
T: (323) 260-4703 | F: (323) 260-4705 | www.koacorp.com
MONTEREY PARK ORANGE ONTARIO SAN DIEGO LA QUINTA CULVER CITY

TECHNICAL MEMORANDUM

Date: December 7, 2021

To: Wendy Lockwood – Sirius Environmental

From: Brian Marchetti, AICP

Subject: Errata Summary for San Gabriel Valley Aquatics Center Traffic Technical Report

---

The following items are necessary updates to the content of the November 29, 2021 version of the report. These changes do not modify the overall impact and effect conclusions of the original report.

Text edits regarding operations effect significance outside of the VMT discussion for CEQA, and replacement of the word "will" for "may" related to potential future County operations improvements, were made on the following pages:

- On page ES-2 of the executive summary, in the text of the last bullet, the word "significantly" was changed to "substantially", and the word "will" in the last sentence was changed to "may".
- On page 24, in the text of the third to last paragraph, the word "insignificant" was changed to "minimal".
- On page 27, in the last paragraph, the word "will" was changed to "may".
- On page 29, in the last paragraph, the word "significantly" was changed to "substantially".
- On page 31, in the second to last paragraph, the word "significant" was changed to "substantial".
- On page 33, in the third paragraph, the word "significantly" was changed to "substantially".

A bulleted discussion of the queuing lengths and project effects at the four approaches to the Sunset Avenue/Temple Avenue intersection was added at the bottom of page 27.

Table 8 on page 28 was modified to include footnotes on the details of each approach of the Sunset Avenue/Temple Avenue intersection.

TRAFFIC IMPACT STUDY

County of Los Angeles San Gabriel Valley Aquatics Center

635 North California Avenue La Puente, CA

November 2021

Prepared For:
Sirius Environmental
1478 North Altadena Drive
Pasadena, California 91107

Prepared by:

1100 Corporate Center
Drive, Suite 201
Monterey Park, CA 91754
(323) 260-4703

JC01201
Rev. 3c

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APPENDIX F – FUTURE POST-PROJECT LOS WORKSHEETS

EXECUTIVE SUMMARY

This traffic study was prepared for the County of Los Angeles by KOA for the proposed San Gabriel Valley Aquatic Center. The following summarizes the traffic study results, conclusions, and recommendations:

- The project is the San Gabriel Valley Aquatic Center project, proposed by the County of Los Angeles on the Temple Academy School property in an unincorporated County area near the City of La Puente at 635 North California Avenue, La Puente.

- The project site is owned by the Hacienda La Puente Unified School District (HLPUSD). The County is planning to negotiate a ground lease with the HLPUSD to complete the project. The project site is bordered by Temple Academy school/North California Avenue on the southeast, East Temple Avenue to the southwest, residences/Evanwood Avenue to the northwest, and Allen J. Martin Park/East Giordano Street to the northeast.

- The proposed facility will provide a 10,800 square foot pool building, a large competitive swimming pool, a smaller practice pool, signage, fencing, bleachers, a new one-acre park area, central plaza, parking lot, and other site improvements.

- The main objective of the project is to construct a joint-use aquatics facility available for public use and to provide recreational opportunities to the local community. The proposed pools would provide for local residents to have an aquatics facility in closer proximity.

- The project would increase recreational opportunities for the local community, thereby reducing trips and vehicle miles traveled. The project would not result in new regional swim meets compared to what is already occurring.

- The traffic impact analysis methodology and data sources were defined by a project scoping document, submitted to the County of Los Angeles Department of Public Works (DPW) on February 25, 2021 and finalized on April 22, 2021.

- The project is anticipated to be completed and occupied within the year 2024.

- The project would generate a net total of 843 daily net trips, including 51 vehicle trips during the weekday a.m. peak hour and 68 vehicle trips during the weekday p.m. peak hour. Weekend mid-day peak hour vehicle trips would be 31.

The project impact determinations are as follows, based on the analysis conducted and the application of the County traffic impact guidelines:

- The characteristics of this facility make the project impacts on VMT less than significant, per County guidelines requirements related to the California Environmental Quality Act (CEQA).

- By providing additional swimming facilities in the region, the County would increase recreational opportunities for the local community, thereby reducing trips and vehicle miles traveled for general swim facility use, practice, and regional meets.

- The project would not result in new practice activity and regional swim meets over the pattern of meets that is already occurring. In this manner, the proposed facility will not generate new regional vehicle trips.

- The project would reduce trips to other area swim facilities located further from the local area. Area VMT will therefore be reduced. The project will not substantially increase regional VMT in this manner, and therefore the project VMT impacts would be less than significant.

- The proposed project would not substantially affect local traffic circulation and access, based on a review of study area mobility conditions per County non-CEQA analysis requirements. The local traffic circulation effects of the project are determined to be nominal, and operational improvements are not recommended. The County may make timing adjustments in the future to accommodate queuing based on cumulative conditions.

1. INTRODUCTION

1.1 LEAD AND LOCAL AGENCY REVIEW

The analysis summarized in this report was completed based on the methodologies and procedures outlined in the County of Los Angeles Department of Public Works (DPW) *Transportation Impact Analysis Guidelines* dated July 23, 2020. This report presents the conclusions of the evaluation of CEQA and non-CEQA transportation impacts for the project

The City of La Puente northern limits are located to the south of the project site, and some of the study area intersections are located within or on the boundary of the City. The City of La Puente was contacted during project scoping efforts, to share planned study area and methodology details, and the City accepted the scoping document. The City by policy applies the County guidelines to traffic studies, so the County guidelines are used in this document for the review of potential project impacts by both the City of La Puente and the County of Los Angeles.

A scoping document for this study was submitted to DPW on March 26, 2021 and finalized on April 17, 2021. Four intersections were defined as the study area, and the finalized document is provided in Appendix A.

1.2 PROJECT DESCRIPTION

The San Gabriel Valley Aquatic Center project is proposed by the County of Los Angeles on the Temple Academy School property in an unincorporated County area near the City of La Puente at 635 North California Avenue, La Puente. The Assessor's ID is 8212-011-901. The planned opening year is 2024.

The school is part of the Hacienda La Puente Unified School District (HLPUSD). The County is planning to negotiate a ground lease with the HLPUSD to complete the project. The project site is bordered by Temple Academy school/North California Avenue on the south, East Temple Avenue to the west, residences/Evanwood Avenue to the north, and Allen J. Martin Park/East Giordano Street to the east. The new aquatic facility will be placed in an area currently used as a play field and a parking lot at the corner of East Temple Ave and Evanwood Avenue. The facility will include a 10,800 square foot pool building, a large competitive swimming pool, a smaller practice pool, signage, fencing, bleachers, a new one-acre park area, central plaza, parking lot, and other site improvements.

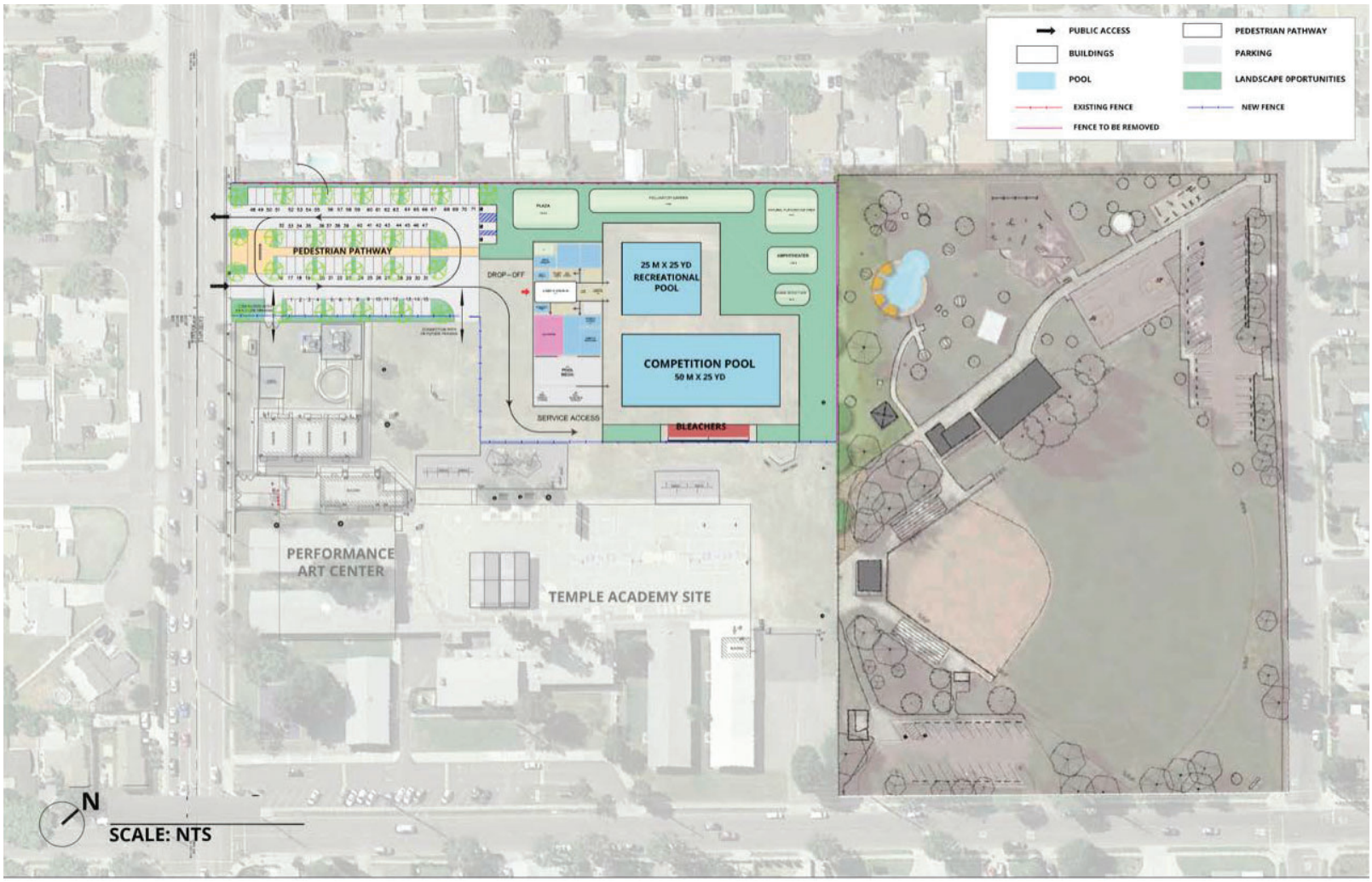
The proposed project site plan is provided on Figure 1.

The proposed primary site access will be on Temple Avenue. The parking lot will be provided at the Temple Avenue side of the site, with all vehicular access via proposed inbound and outbound driveways on Temple Avenue. Gated access will be provided to the planned Performance Art Center to the south, for shared parking use during events.

FIGURE 1

County of Los Angeles - San Gabriel Valley Aquatics Center

Project Site Plan



2. CEQA TRANSPORTATION IMPACT ANALYSIS

County of Los Angeles transportation guidelines for California Environmental Quality Act (CEQA) impacts are based on guidance from the State of California Office of Planning and Research for the assessment of vehicle miles traveled (VMT). County thresholds of significance and mitigation measure programs were considered for this analysis, as appropriate to the outcome of the VMT review for the project.

2.1 VMT ANALYSIS GUIDELINES

County guidelines for project VMT impacts are based on consistency with CEQA guidelines. Development projects are analyzed to determine if and how much they reduce total VMT. Public Works guidance on screening and impact criteria was reviewed as part of the scoping process undertaken with the County for this project.

Screening Criteria Review

Two screening criteria were considered that relate directly to the project characteristics:

- Non-retail project trip generation screening criteria*:* Does the development project generate a net increase of 110 or more daily vehicle1 trips? If no, a less than significant CEQA impact determination can be made.

- Proximity to transit based screening criteria: Is the project located within a one-half mile radius of a major transit stop or an existing stop along a high-quality transit corridor?

The proposed project is estimated to generate 843 trips on a daily basis, and therefore the first criterion cannot be applied. The project is not located near a major transit stop or a high-quality transit corridor, and therefore the second criterion cannot be applied.

A retail project screening criterion was not considered, as the proposed project is non-retail. An additional screening measure is for low-income housing uses, which also does not apply to the proposed project.

For typical land uses, a potentially significant VMT impact would occur when specific minimum criteria are exceeded. These include VMT per capita or VMT per employee for specific land use categories and land use plans. For the analysis of transportation impacts under CEQA, the Baseline VMT for the North and South areas of the County are defined by the guidelines.

Significant Impact Threshold

For projects that are not residential, office, regional serving retail, or land use plans, Public Works is to be contacted to determine the appropriate threshold of significance to be applied to the analysis. KOA coordinated with Public Works to define the project VMT analysis and the threshold to be applied. A quantified VMT analysis was not undertaken for this project, as the proposed project has characteristics that will not generate regional increases in VMT.

The impact threshold for the project was defined as no substantial increase in VMT. The review is discussed in more detail below.

2.2 VMT IMPACT REVIEW

No new swim/sports groups or leagues will be formed due to this facility development. Those local swimmers using the facility for practice will have a shorter distance to travel from the existing facilities that they are currently using. The presence of other existing similar pool facilities (in other locations) and how existing swimmers use these facilities was the basis for project VMT significance determinations.

The potential local circulation impacts of regional swim meets that may be relocated to the new facility are evaluated in the Special Events section of this report.

The main objective of the project is to construct a joint-use aquatics facility available for public use and to provide recreational opportunities to the local community. The community, the County, and the Hacienda La Puente Unified School District (HLPUSD) maintain a desire for a publicly accessible swimming facility at this location as well as park facilities to complement the adjacent Allen J. Martin Park.

The proposed facility pools would provide for local residents to have an aquatics facility in closer proximity. Existing swimmers in the project area typically travel to the California High School for regional meets, located approximately 7.5 miles to the south of the site. County-operated practice locations are located at Arcadia Community Regional Park (7.8 miles to the north of the site) and the Whittier Aquatics Facility (7.5 miles to the south). The proposed project will provide a location within the San Gabriel Valley that does not exist for regional meets, providing an additional area location. The proposed project will also provide a new practice and training location, closer to County residents in the south San Gabriel Valley area than the Arcadia or Whittier locations.

Figure 2 illustrates the proposed project location and the locations of nearby pools operated by the County of Los Angeles.

A comparison of the existing and proposed facilities is provided below:

- Arcadia Community Regional Park – The Norman S. Johnson Aquatic Center was completed in May 2012. The total building and pool facility area is 20,600 square feet, including the main building of 8,000 square feet.
- Whittier Aquatics Facility – Project environmental review was completed in 2019 and the facility is now open. The total building and pool facility area is 28,500 square feet, including a main building of 10,000 square feet.
- Proposed Project – The San Gabriel Valley Aquatics Center will be 29,255 square feet in area, including the main building of 10,800 square feet.

The Arcadia pool facility has a lower overall size in terms of floor area, although the main building is only 20 percent smaller than the Whittier and proposed SGV main project buildings. The Whittier and proposed Project sizes are very similar in terms of overall size and the main pool building size. Therefore, these existing and the proposed pool facilities can provide very similar functions and intensities of use. The proposed use complements the existing network of pools and reduces the average trip length for users across the local County area.

By providing additional swimming facilities in the region, the County would increase recreational opportunities for the local community, thereby reducing trips and vehicle miles traveled for general swim facility use, practice, and regional meets. The project would not result in new practice activity and regional

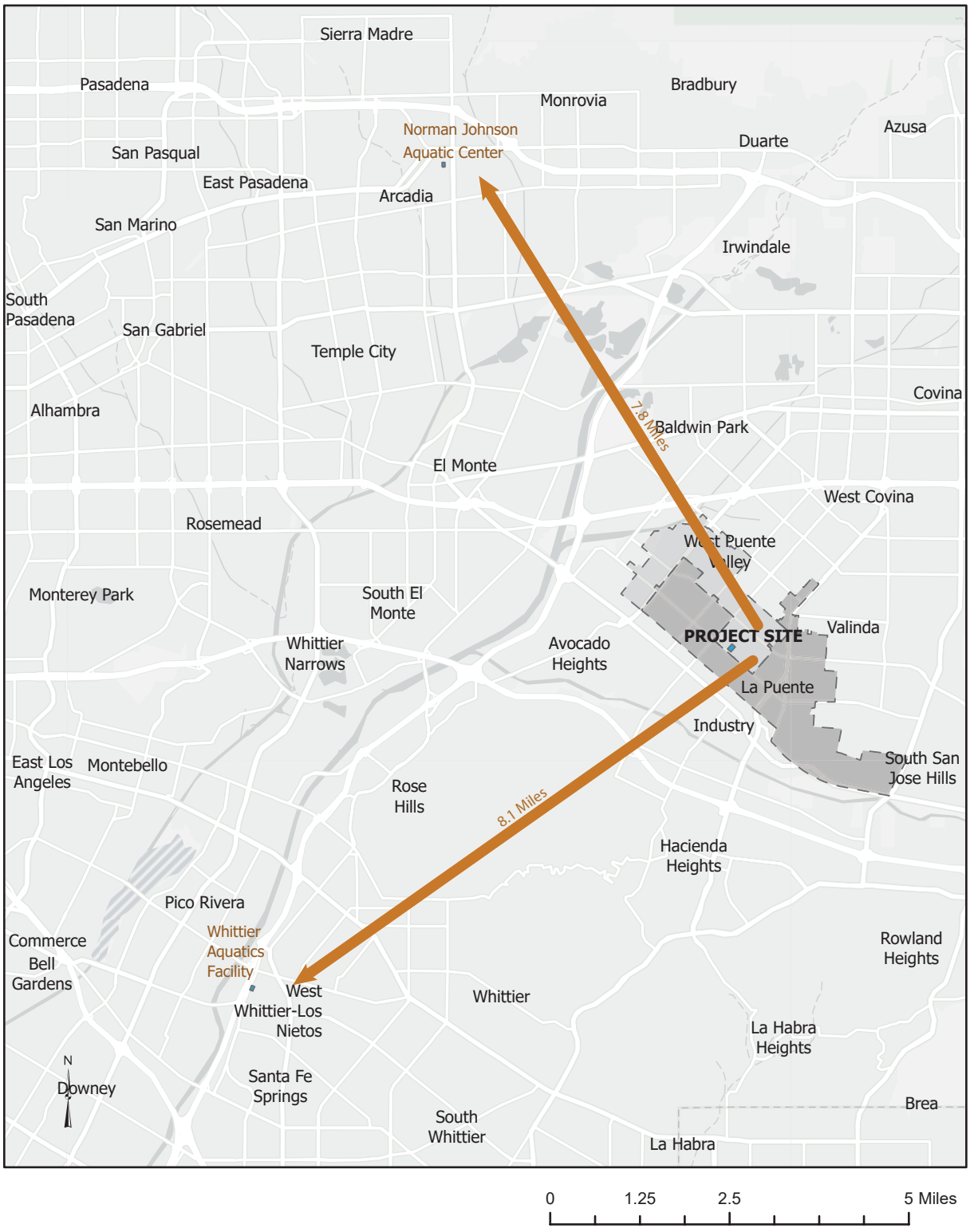
swim meets over the pattern of meets that is already occurring. In this manner, the proposed facility will not generate new regional vehicle trips.

It is anticipated that the project would reduce trips to these other facilities, as they are located further from the local neighborhood, and VMT will therefore be reduced for most trips to and from the proposed facility. The project will not increase regional VMT substantially, and therefore the project VMT impacts would be less than significant.

FIGURE 2

County of Los Angeles - San Gabriel Valley Aquatics Center

Nearby LA County Maintained Swimming Pools



3. SITE ACCESS STUDY – OPERATIONAL ANALYSIS

In addition to the analysis of potential CEQA impacts, the County requires the analysis of potential local circulation impacts for proposed development projects. The determinations for this area of analysis are not tied to CEQA, and are focused on the County review of local effects of projects.

Based on the scoping process for this study, site access and circulation constraints must be reviewed, based on the number of daily project trips at 843, over the minimum threshold of 110 trips and the need for discretionary project action by the County Department of Regional Planning.

The County guidelines indicate that site access studies should address site access and circulation needs of vehicles, bicycles and pedestrians. The analysis area should include primary site access points, unsignalized intersections that provide project site access, and signalized intersections in the vicinity.

This section provides a summary of the local circulation review conducted for the proposed project. For purposes of conservative traffic analysis, a project completion year of 2024 has been assumed based on County project planning.

3.1 STUDY METHODOLOGY

To determine the effects of the project on the operation of vehicular travel within the immediate project vicinity, an evaluation was made of the project contribution to delay and queuing at intersections adjacent to and near the project site under existing and future conditions.

KOA coordinated with County staff as the first step in the traffic analysis, and provided an initial and revised scoping document to the County Department of Public Works, in order to define the study area and other major details.

The project study area includes the following four study intersections along the primary access routes to and from the site:

1. California Avenue/Amar Road
2. California Avenue/Giordano Street
3. Sunset Avenue/ Temple Avenue
4. California Avenue/Temple Avenue

Figure 3 illustrates the study area and the locations of the study intersections.

The availability of historical counts for existing conditions was researched with County Public Works, to define available data that could be applied to the analysis. This was done to best define typical traffic conditions that occur outside of recent periods of COVID-related restrictions on activity. A combination of new counts and historical counts was used. Existing pre-COVID counts available from the County and new volume counts at the study intersections were compared to determine if factoring should be applied to define typical volumes where direct comparison data was not available.

FIGURE 3

County of Los Angeles - San Gabriel Valley Aquatics Center

Study Area



The County traffic guidelines state that an access analysis should focus on site ingress/egress and circulation needs of vehicles, bicycles, and pedestrians. The required quantitative evaluation includes a level of service and queuing analysis. Queuing is evaluated for pre-project and post-project conditions at turn pockets, at the project study intersections, and the driveway access point. The analysis determined if the project would cause queuing to block nearby intersections and other site driveways.

The analysis includes the evaluation of potential queuing at the inbound left-turn of the project Temple Avenue driveway as it will require turning from a travel lane in the eastbound direction. A Highway Capacity Manual analysis was conducted based on the project trip generation and the volumes analyzed at the nearby study intersection.

Analysis Scenarios

The study included the analysis of the following traffic scenarios:

- Existing
- Existing with-Project
- Future without-Project
- Future with-Project

Project trip generation was based on land use intensities and trip rates defined by *Trip Generation, 10th edition,* published by the Institute of Transportation Engineers (ITE). Project trip distribution percentages were defined based on the expected local travel routes to and from the facility.

The existing with-project conditions scenario was included to analyze project impacts without cumulative projects and annual ambient growth.

In order to account for traffic growth in the study area through the project opening year, an ambient/background traffic growth rate was applied to the traffic counts. Traffic from related projects (approved and pending developments) was also added to the study area. Based on the future without-project volumes plus traffic from the proposed project, the future with-project traffic volume conditions were determined and analyzed.

Level of Service Methodology

For analysis of Level of Service (LOS) at signalized intersections, the County has designated the Highway Capacity Manual (HCM) methodology as the desired tool. A facility is at capacity (delay of 80 seconds or greater) when extreme congestion occurs. This total vehicle approach delay output of the HCM is a function of hourly volumes, signal phasing, and approach lane configuration, and green time for each leg of the intersection.

Level of service values range from LOS A to LOS F. LOS A indicates excellent operating conditions with little delay to motorists, whereas LOS F represents congested conditions with excessive vehicle delay. LOS E is typically defined as the operating capacity of a roadway. Table 4 defines the level of service criteria applied to the study intersections.

Table 1 – Level of Service Definitions, Highway Capacity Manual Method

LEVEL OF SERVICE	GENERAL DEFINITION	Delay Per Vehicle (seconds)
A	EXCELLENT. No vehicle waits longer than one red light and no approach phase is fully used.	≤10
B	VERY GOOD. An occasional approach phase is fully used; many drivers begin to feel somewhat restricted within groups of vehicles.	>10 - 20
C	GOOD. Occasionally drivers may have to wait through more than one red light; backups may develop behind turning vehicles.	>20 - 35
D	FAIR. Delays may be substantial during portions of rush hours, but enough lower volume periods occur to permit clearing of developing lines, preventing excessive backups.	>35 - 55
E	POOR. Represents the maximum vehicles that intersection approaches can accommodate; may be long lines of waiting vehicles through several signal cycles.	>55 - 80
F	FAILURE. Backups from nearby locations or on cross streets may restrict or prevent movement of vehicles out of the intersection approaches. Tremendous delays with continuously increasing queue lengths.	>80

Special Analysis – Construction and Cut-Through Traffic

The County guidelines state that additional analysis tasks should be undertaken if requirements are met. These two areas are reviewed below based on the guidelines.

Construction Phase Analysis

This analysis as defined by the County guidelines will not be conducted, as project construction will not directly affect adjacent roadways. The project will not require major construction activities that require lane closures to take place within the right-of-way of adjacent roadways, nor would vehicle, bicycle, pedestrian access, or bus stop access on area roadways be physically restricted during project construction.

Therefore, it was determined that a construction phase analysis was not necessary for this project.

Local Residential Street Cut-Through Analysis

This analysis will not be conducted, as there are no identified Local Streets near the project site that would provide cut-through routes that are shorter than routes on collector or arterial roadways. The project is not expected to add vehicle trips to congested arterial street segments. The intersection of Sunset Avenue/Temple Avenue operates at LOS E or F as analyzed, but it is estimated that this would not cause neighborhood cut-through traffic due to multiple available arterial routes in the area that can be used for alternate travel, and the other study intersections do not operate at poor LOS.

Therefore, the project is not expected to add automobile traffic to alternative local residential roadways during peak hours and a cut-through analysis was not conducted.

3.2 EXISTING MOBILITY SYSTEM

This section describes the existing conditions within the study area in terms of roadway facilities, transit service, and traffic operating conditions.

All the roadway classifications are based on the County Master Plan of Highways. The key roadways within the study area are described here. The discussion is limited to specific roadways that traverse the study intersections and serve the project site.

Amar Road is classified as a Major Highway. This east-west roadway provides two travel lanes in each direction and a striped center median. On-street parking is generally prohibited on both sides of the roadway, and the posted speed limit is 40 mph.

California Avenue is classified as a Collector Street. This north-south roadway provides one travel lane in each direction. On-street parking is generally permitted on both sides of the roadway. The prima facie speed limit is 25 miles per hour.

Giordano Street is classified as a Collector Street. This east-west roadway provides one travel lane in each direction. On-street parking is generally permitted on both sides of the roadway. The prima facie speed limit is 25 miles per hour.

Sunset Avenue is classified as a Major Highway. This north-south roadway provides two travel lanes in each direction and a double-yellow striped median. On-street parking is generally prohibited on the west side of the roadway, and permitted on the east side of the roadway with the exception of Thursdays from 9 AM to 1 PM commercial vehicles, and a bike lane facility is provided on both sides of the roadway. The posted speed limit is 45mph.

Temple Avenue is classified as a Secondary Highway. This east-west roadway provides two travel lanes in each direction and a double-yellow striped median. On-street parking is generally permitted on the north side of the roadway, and prohibited on the south side of the roadway the posted speed limit is 40 mph.

Figure 4 illustrates the existing traffic controls and approach lane geometries at the study intersections.

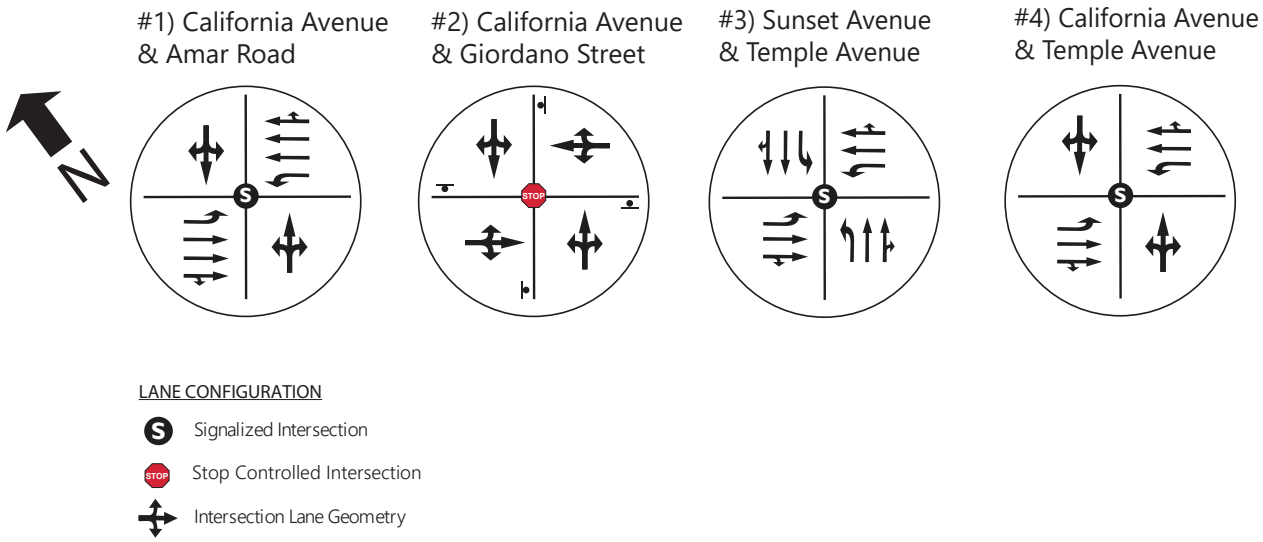
Transit service is provided within one-quarter mile radius from the proposed project site, which is operated by Foothill Transit. Table 2 summarizes the project study area transit service.

Table 2 – Existing Transit Service

Agency	Line	From	To	Via	Peak Frequency (approx.)
Foothill Transit	486	El Monte Station	Cal Poly Pomona	Amar Road	13 Minutes
Foothill Transit	281	Puente Hills Mall	Citrus College	Sunset Avenue	30 Minutes

Source: Foothilltransit.org

Figure 4 - Existing Study Intersection Lane and Control Configurations





3.3 EXISTING CIRCULATION CONDITIONS

The existing conditions analysis for the study area used both existing and historical counts. Existing traffic conditions were analyzed based on factoring of traffic counts from a comparison of current and past data, due to the current reduced traffic levels caused by COVID-19 related activity restrictions.

Traffic data was compiled from a combination of current year-2021 counts collected in the field by National Data and Surveying Services (NDS) and historical year-2018 counts obtained from the County Department of Public Works.

The recent counts were conducted on Thursday, May 06, 2021 during the peak timeframes of 7:00 AM to 9:00 AM and 4:00 PM to 6:00 PM. The year-2018 counts used for comparison calculations were conducted on February 05, 2018, with volumes overlapping the same timeframes.

In order to define existing traffic conditions, counts taken in 2021 were compared with historical traffic counts taken in 2018. Historical data was available from the County at the intersection of California Avenue and Giordano Street. Comparison ratios for the AM and PM peak hours from data at this location was applied to the other three intersection count locations, to increase the volume values to the expected normal volume levels. As the previous counts at this location were higher than the new counts, the previous but higher volume counts were used for the California Avenue and Giordano Street location, with a one percent per year growth factor to provide conservative values.

A ratio was then defined based on the difference of the two sets of comparison volumes, and input volumes were then adjusted to reflect pre-pandemic volumes and operations. For the AM factoring, an increase of 54.3 percent was applied. For the PM factoring, an increase of 30.2 percent was applied.

The overall traffic count data set after factoring was used to define existing traffic conditions. Fieldwork within the study area was undertaken to identify the condition of key study area roadways, including traffic control and approach lane configurations at each study intersection and on-street parking restrictions.

Based on the intersection lane configurations and the existing traffic volumes, average vehicle delay and corresponding levels of service (LOS) were determined for each of the study intersections during the weekday a.m. and p.m. peak hours for existing conditions. The existing with-project traffic volumes were derived by adding project trips to the existing traffic volumes.

Table 3 provides the operations analysis results for the existing conditions scenario, with vehicle delay in seconds and LOS values at the study intersections.

Table 3 – Existing Intersection Operations

Study Intersections		AM Peak		PM Peak		Saturday	
		Delay	LOS	Delay	LOS	Delay	LOS
1	California Avenue and Amar Road	26.2	C	53.3	D	38.2	D
2	California Avenue and Giordano Street*	7.8	A	9.8	A	8.5	A
3	Sunset Avenue and Temple Avenue	67.0	**E**	92.3	**F**	58.0	**E**
4	California Avenue and Temple Avenue	33.40	C	36.3	D	31.6	C

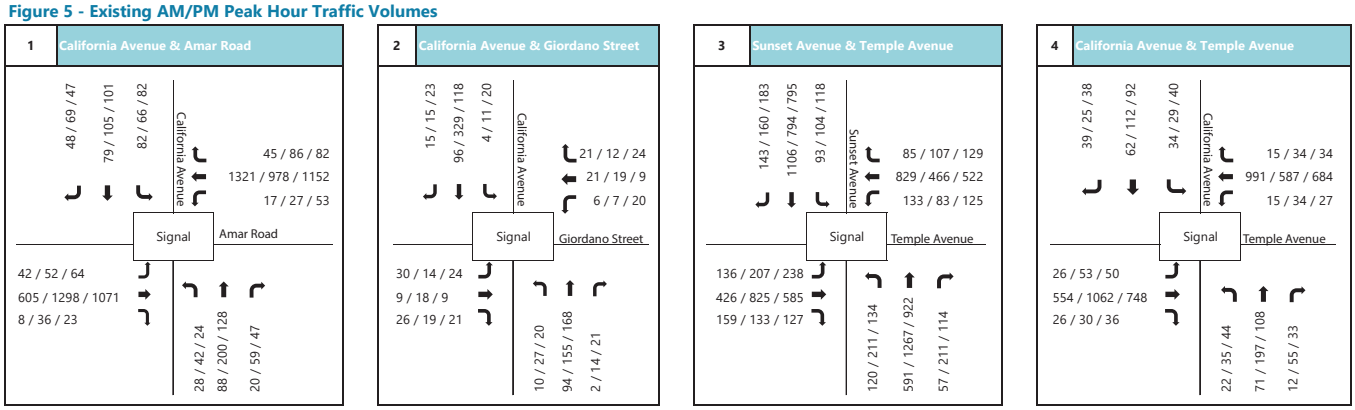
LOS = Level of Service; HCM delay per average vehicle

**Stop-controlled intersection*

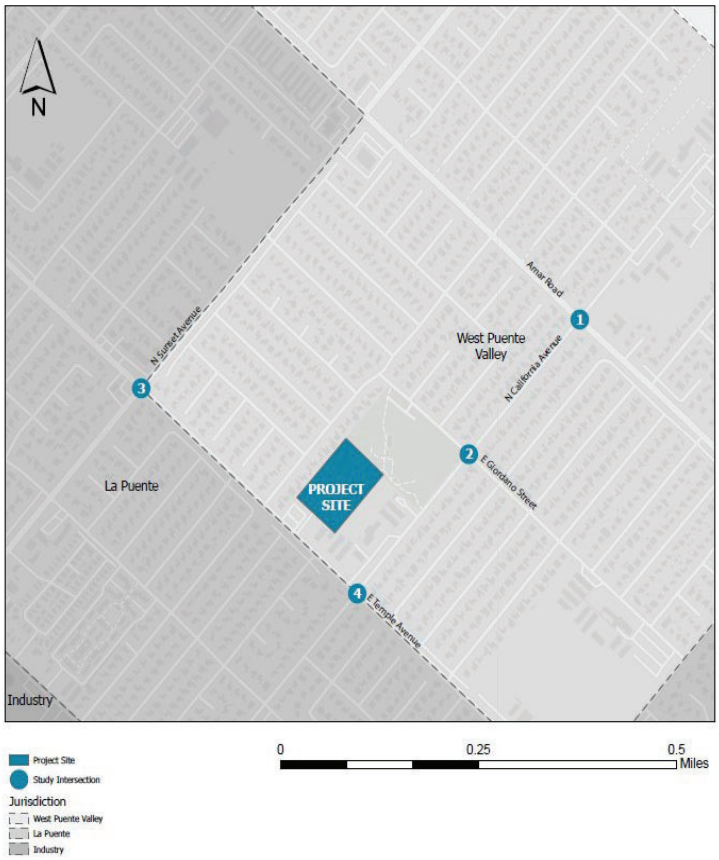
The study intersection of Sunset Avenue/Temple Avenue operates at LOS E in the AM peak period and at LOS F in the PM peak period. The other study intersections operate at LOS D or better during the peak hours.

The existing weekday a.m. peak-hour and p.m. peak-hour traffic turning movement volumes are illustrated on Figure 5. The traffic count data sheets are provided in Appendix C, and the existing traffic analysis scenario worksheets are provided in Appendix D.

Figure 5 - Existing AM/PM Peak Hour Traffic Volumes



XX/XX AM /PM/SAT Peak Hour Traffic Volumes



3.4 PROJECT TRAFFIC

This section defines the traffic generated by the proposed project in a three-step process, including trip generation, trip distribution, and trip assignment.

The project will include a 10,800 square-foot pool building, and competitive and practice pools. The combined area of these elements is 29,255 square feet. Institute of Transportation Engineers (ITE) rates from *Trip Generation, 10th edition* for the recreational community center land use category. This category of trip rates was applied to the project as it represents a generally similar use to the typical daily activity expected at the proposed facility.

The total estimated weekday daily project vehicle trip total is 843, as calculated in Table 4. This includes 51 AM peak hour trips and 68 PM peak hour trips. Saturday mid-day peak-hour trips would be 31.

Table 4 – Project Trip Generation

Land Use[1]	Intensity	Units[2]	Daily Total	Weekday AM Peak			Weekday PM Peak			Saturday Mid-Day		
				Total	In	Out	Total	In	Out	Total	In	Out
Trip Generation Rates												
Recreational Community Center (ITE 495)	-	KSF	28.82	1.76	66%	34%	2.31	47%	53%	1.05	53%	47%
Trip Generation Estimates												
Proposed Pool Project	29.2547	KSF	843	51	34	17	68	32	36	31	17	14
Total			**843**	**51**	**34**	**17**	**68**	**32**	**36**	**31**	**17**	**14**

Project Trip Distribution

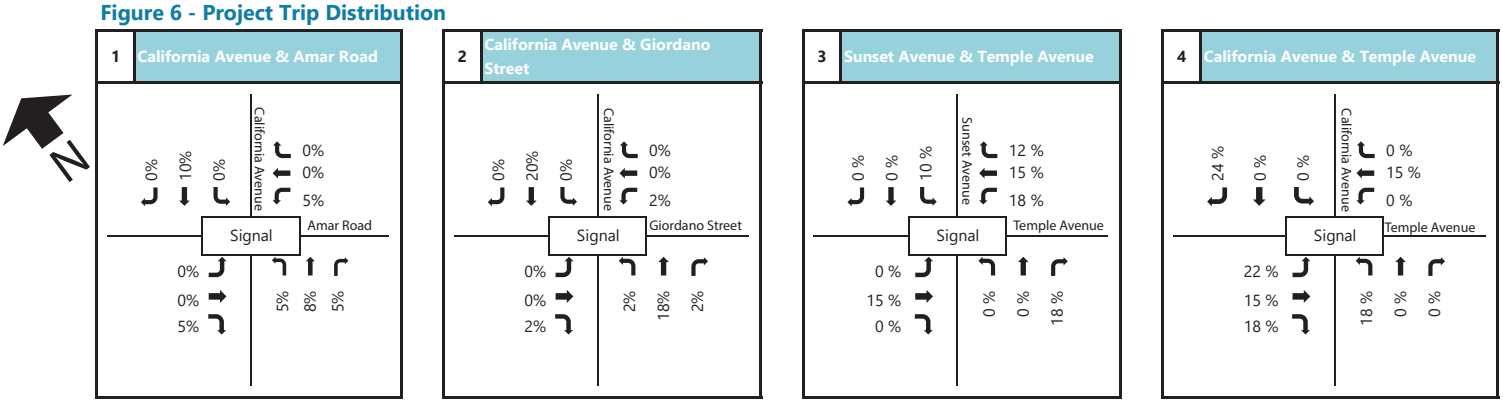
Trip distribution is the process of assigning the directions from which traffic will access the project site. Trip distribution is dependent upon the land use characteristics of the project, the local roadway network, and the general locations of other land uses to which project trips would originate or terminate.

Figure 6 illustrates the trip distribution percentages that were utilized for the project traffic.

Project Trip Assignment

Based on the trip generation and distribution assumptions described above, project traffic was assigned to the roadway system. The peak hour project trip assignment is illustrated on Figure 7.

Figure 6 - Project Trip Distribution



XX% Project Trip Distribution



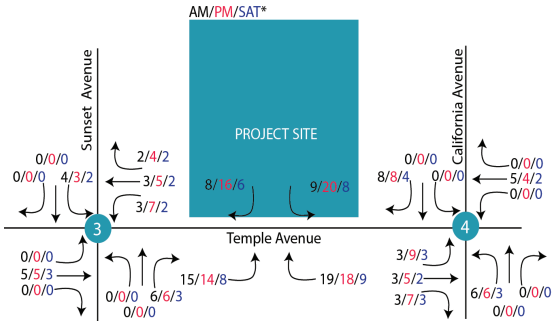
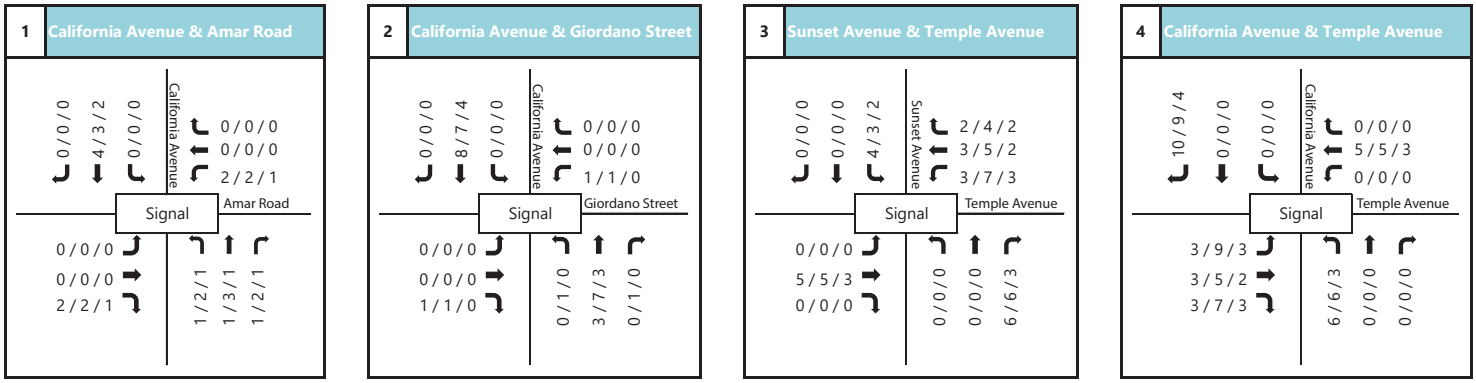


Figure 7 - Project Trip Assignment - AM/PM Peak Hour Traffic Volumes



XX/XX AM /PM Peak Hour Traffic Volumes



3.5 EXISTING WITH -PROJECT CONDITIONS

The existing conditions scenario traffic volumes were analyzed with the addition of proposed project trips. Table 5 provides a summary of study intersection operations for existing with-project conditions.

Table 5 – Existing with-Project Intersection Delay and Performance

Study Intersections		Peak Hour	Existing Conditions		Existing with Project	
			Delay in Sec.	LOS	Delay in Sec.	LOS
1	California Avenue and Amar Road	AM	26.2	C	27.4	C
		PM	53.3	D	56.0	**E**
		SAT	38.2	D	38.7	D
2	California Avenue and Giordano Street*	AM	7.8	A	7.9	A
		PM	9.8	A	10.0	A
		SAT	8.5	A	8.5	A
3	Sunset Avenue and Temple Avenue	AM	67.0	**E**	67.1	**E**
		PM	92.3	**F**	93.0	**F**
		SAT	58.0	**E**	58.1	**E**
4	California Avenue and Temple Avenue	AM	33.4	C	33.5	C
		PM	36.3	D	36.6	D
		SAT	31.6	C	31.7	C

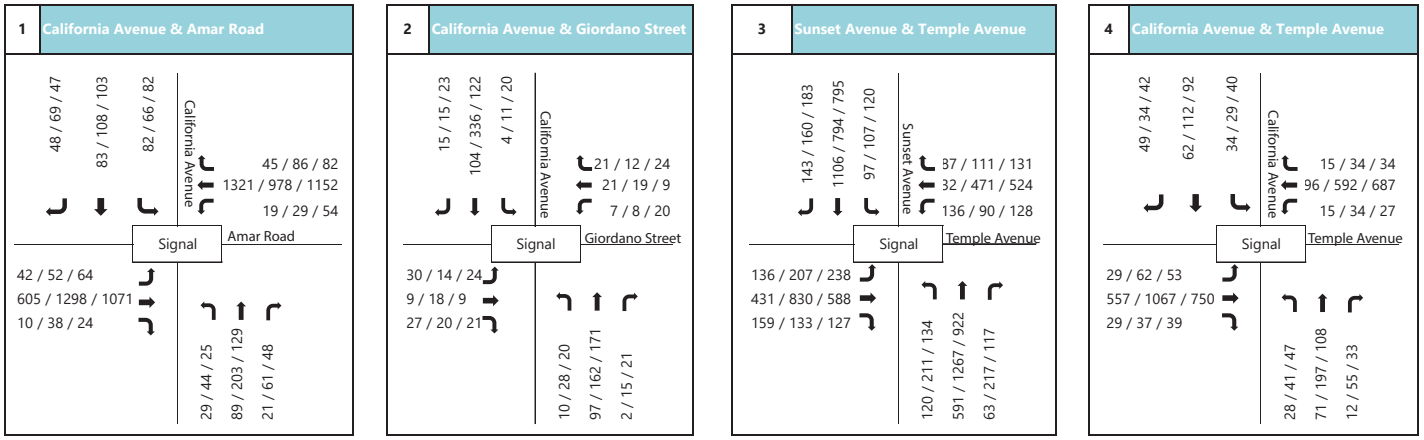
LOS = Level of Service; HCM delay per average vehicle

**Stop-controlled intersection*

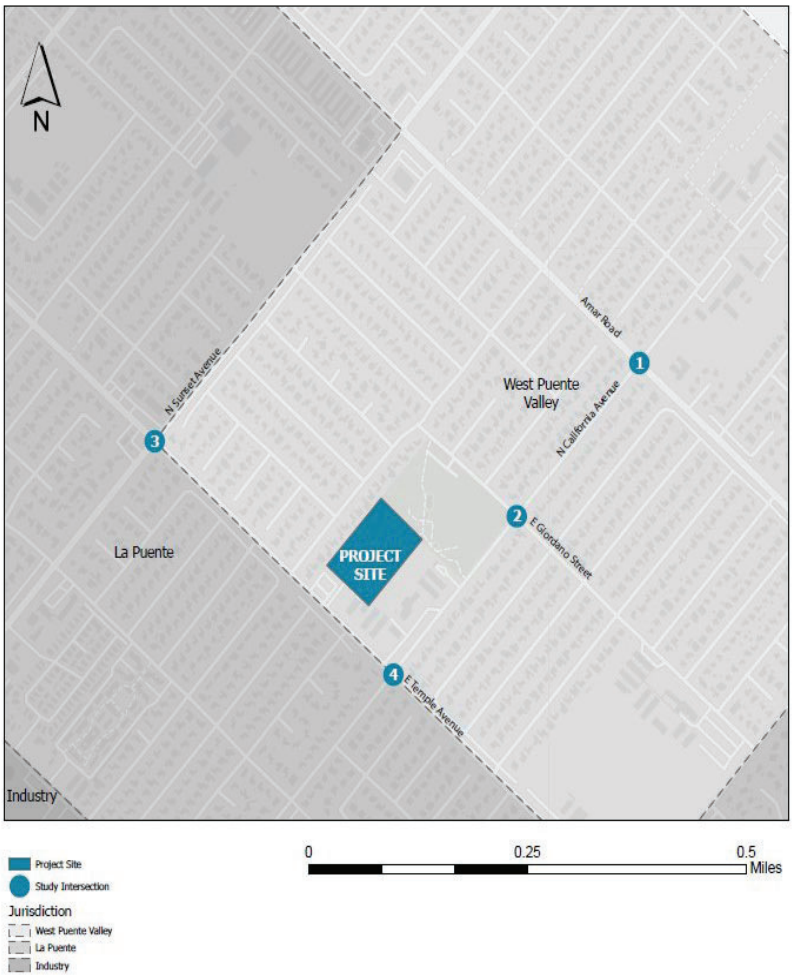
The addition of project traffic to the existing study area volumes causes the PM peak LOS of the California Avenue/Amar Road intersection to worsen from LOS D to E, but only based on a small 2.7-second delay increase from the project. The other intersection LOS values remain unchanged, with small delay increases due to project traffic.

The existing with-project volumes at the study intersections for the weekday a.m. peak-hour and p.m. peak-hour traffic turning movement volumes are illustrated on Figure 8. The analysis worksheets for this scenario are provided in Appendix E.

Figure 8 - Existing With-Project - AM/PM Peak Hour Traffic Volumes



XX/XX AM /PM Peak Hour Traffic Volumes



3.6 FUTURE CONDITIONS

This section provides an analysis of future traffic conditions in the study area with cumulative/area project trips and background growth added, but without project traffic. The proposed project is anticipated to be completed within the year 2024, and therefore this defined the future analysis year.

Ambient Growth

In order to acknowledge regional population and employment growth outside of the study area, an annual ambient traffic growth rate of one percent was applied to the existing scenario traffic volumes.

Area Projects

Traffic from cumulative area projects (approved and pending developments) was also included in the analysis. The projects were identified during coordination with the County of Los Angeles Regional Planning and the City of La Puente. A total of 17 pending projects within a half-mile radius of the project site were identified for inclusion in the analysis.

Table 6 provides the trip generation estimates for the area projects, and the cumulative project locations are illustrated on Figure 9. The area project trip assignment volumes for the AM and PM peak hours are provided on Figure 10.

Table 6 – Area Projects Trip Generation

	ITE					WEEKDAY	AM PEAK HOUR			PM PEAK HOUR			SATURDAY MIDDAY		
ID	CODE	ADDRESS	LAND USE	INTENSITY	UNITS[1]	DAILY	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT
1	210	14603 E Blackwood Street	Single-Family Detached Housing	1	DU	9	1	0	1	1	1	0	1	1	0
2	210	1030 Shadydale Avenue		1		9	1	0	1	1	1	0	1	1	0
3	210	1027 Glenshaw Drive		1		9	1	0	1	1	1	0	1	1	0
4	210	1003 Glenshaw Drive		1		9	1	0	1	1	1	0	1	1	0
5	210	920 Broadmoor Avenue La Puente CA 91744		1		9	1	0	1	1	1	0	1	1	0
6	210	921 Greenberry Drive, La Puente CA 91744		1		9	1	0	1	1	1	0	1	1	0
7	210	933 N California Avenue, La Puente CA 91744		1		9	1	0	1	1	1	0	1	1	0
8	210	903 N California Avenue, La Puente CA 91744		1		9	1	0	1	1	1	0	1	1	0
9	210	14811 Flanner Street, La Puente CA 91744		1		9	1	0	1	1	1	0	1	1	0
10	210	14638 Homeward Street, La Puente CA 91744		1		9	1	0	1	1	1	0	1	1	0
11	210	774 Glenshaw Drive, La Puente CA 91744		1		9	1	0	1	1	1	0	1	1	0
12	210	762 Greenberry Drive, La Puente CA 91744		1		9	1	0	1	1	1	0	1	1	0
13	210	922 Aldgate Street		1		9	1	0	1	1	1	0	1	1	0
14	210	769 Duff Avenue, La Puente CA 91744		1		9	1	0	1	1	1	0	1	1	0
15	210	751 Duff Avenue, La Puente CA 91744		1		9	1	0	1	1	1	0	1	1	0
16	210	727 Duff Avenue, La Puente CA 91744		1		9	1	0	1	1	1	0	1	1	0
17	210	615 Foxworth Avenue, La Puente CA 91744		1		9	1	0	1	1	1	0	1	1	0
					Total	**153**	**17**	**0**	**17**	**17**	**17**	**0**	**17**	**17**	**0**

Source: Rates taken from the ITE Trip Generation Manual, 10th Edition

1) DU = Dwelling Units

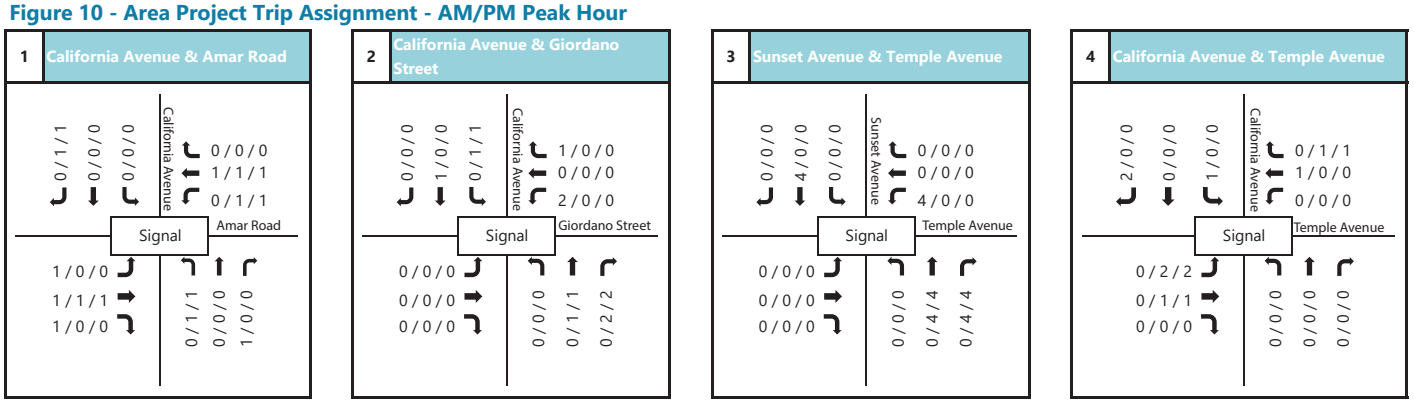
FIGURE 9

County of Los Angeles - San Gabriel Valley Aquatics Center

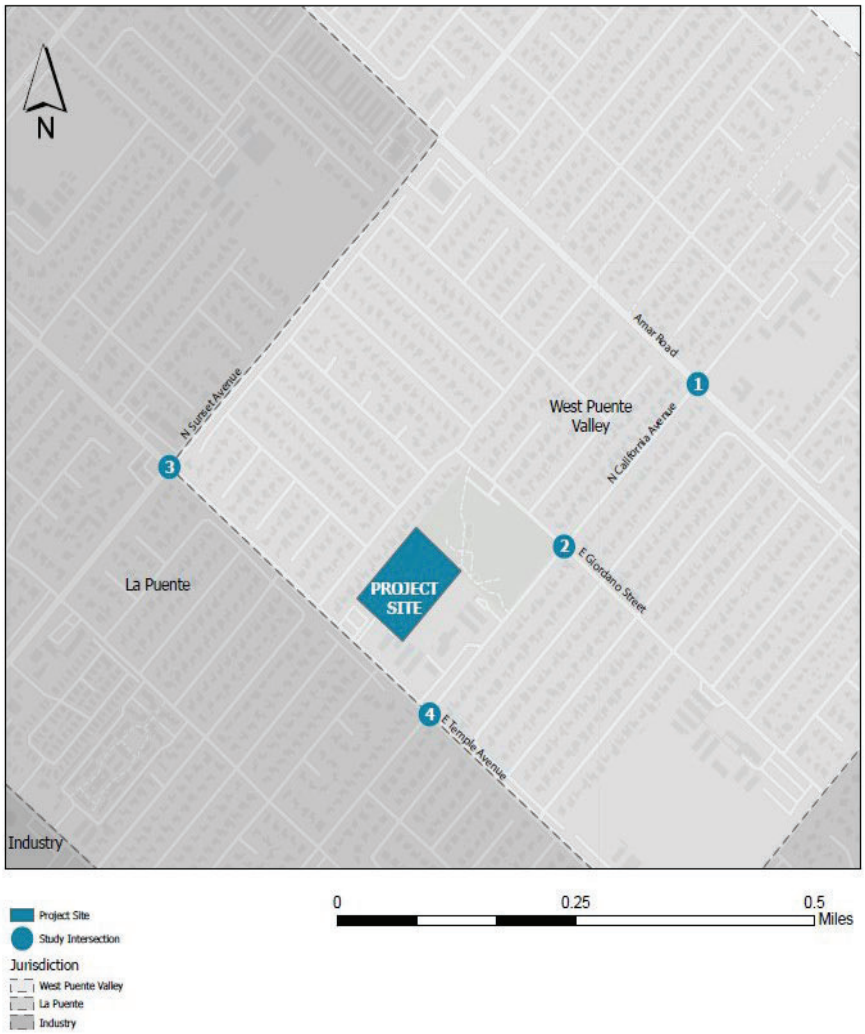
Area Projects Within a Half-Mile Radius



Figure 10 - Area Project Trip Assignment - AM/PM Peak Hour



XX/XX AM /PM Peak Hour Traffic Volumes



Future Conditions without and with Project Traffic

Future baseline traffic volumes for the without-project condition were determined by applying ambient traffic growth and area project traffic volumes onto the existing traffic volumes. Under the future with-project scenario, the traffic volumes were derived by adding project trips to the future baseline traffic volumes.

Table 7 provides the results of the vehicle delay in seconds and LOS values at the study intersections for Future without-project and Future with-project conditions.

Table 7 – Future Intersection Delay and Performance

Study Intersections		Peak Hour	Future (2024) Without Project		Future (2024) with Project	
			Delay in Sec.	LOS	Delay in Sec.	LOS
1	California Avenue and Amar Road	AM	28.2	C	29.5	C
		PM	57.3	**E**	60.1	**E**
		SAT	40.2	D	40.8	D
2	California Avenue and Giordano Street*	AM	7.9	A	7.9	A
		PM	10.0	A	10.2	B
		SAT	8.6	A	8.6	A
3	Sunset Avenue and Temple Avenue	AM	70.5	**E**	70.5	**E**
		PM	99.7	**F**	100.5	**F**
		SAT	59.9	**E**	60.0	**E**
4	California Avenue and Temple Avenue	AM	34.0	C	34.2	C
		PM	37.1	D	37.5	D
		SAT	32.0	C	32.1	C

LOS = Level of Service; HCM delay shown in X.X format.

**Stop Controlled Intersection*

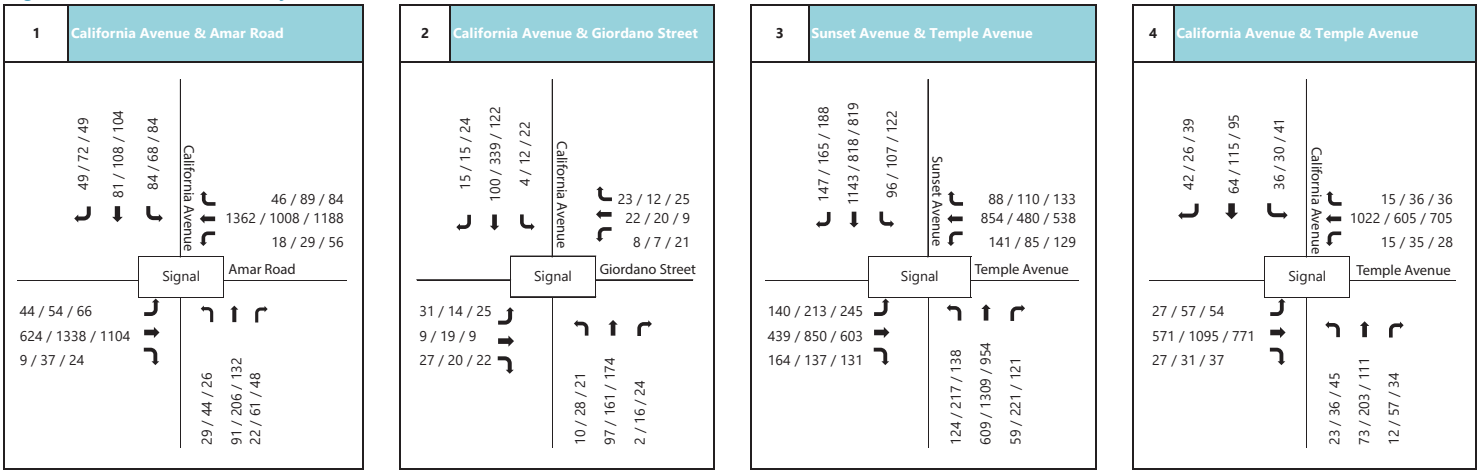
The study intersections will continue to operate similarly to operations analyzed for the existing with-project conditions scenario.

The addition of project traffic to the future study area volumes does not cause any changes in LOS values. The highest delay increase that occurs in the PM is small, but is only a 2.7-second delay increase from the project. The other intersection LOS values remain unchanged, with small delay increases due to project traffic. These traffic effects of the project are considered to be minimal, and operational improvements are not recommended.

The Future without-project traffic volumes for the weekday a.m. and p.m. peak hours are illustrated on Figure 11. The Future without-project traffic analysis worksheets for this scenario are provided in Appendix F.

The Future with-project traffic volumes for the weekday a.m. and p.m. peak-hour volumes are illustrated in Figure 12. The analysis worksheets for this scenario are provided in Appendix G.

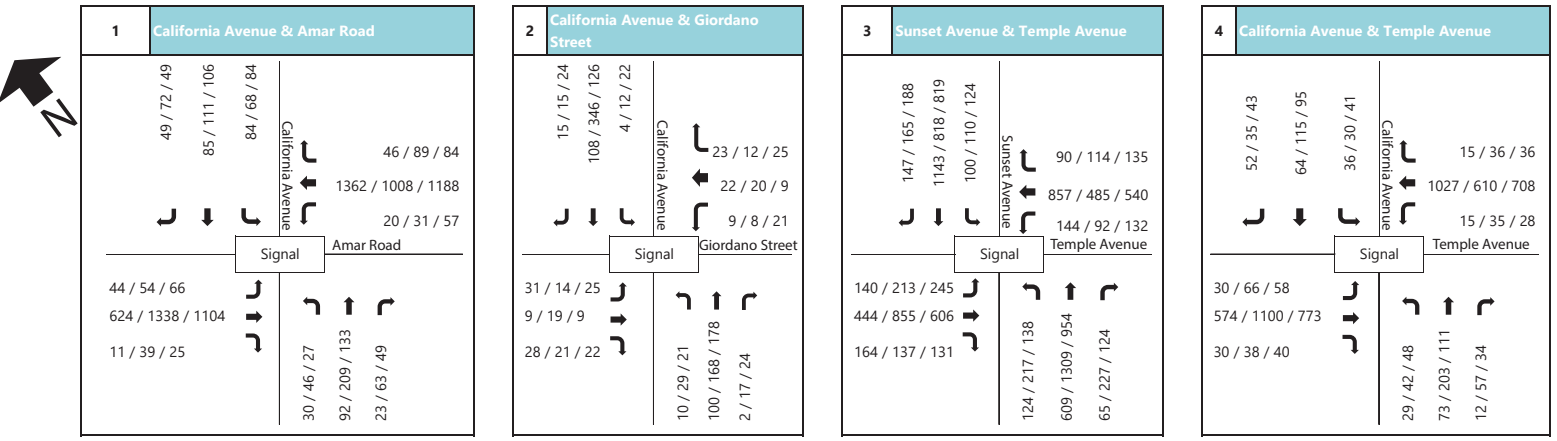
Figure 11 - Future Without Project - AM/PM Peak Hour Traffic Volumes



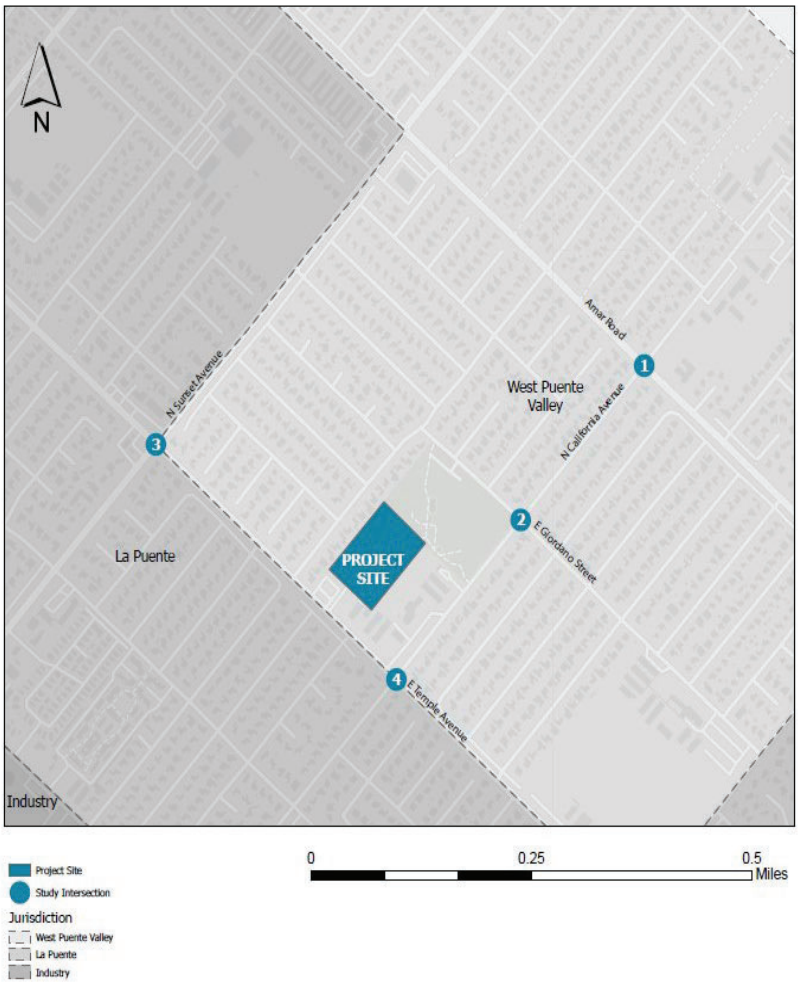
XX/XX AM /PM Peak Hour Traffic Volumes



Figure 12 – Future With-Project - AM/PM Peak Hour Traffic Volumes



XX/XX AM /PM Peak Hour Traffic Volumes



3.7 QUEUING CONDITIONS

The level of service output provided in the appendices include queuing information by approach calculated by the Highway Capacity Manual method. Locations where striped turn pockets are provided at study intersections, and the project driveway access on Temple Avenue, are analyzed below.

Intersection Queuing

At the California Avenue/Amar Road intersection, operations would be at LOS E in the PM peak hour, and LOS D or better in the other peak hours, with or without the project. Queuing at the northbound and southbound approaches would increase by one or two vehicles with the proposed project. At the other approaches, queuing value increases due to the project would be much lower than one vehicle on average.

At the California Ave/Giordano St intersection, operations would be at LOS B or better in all peak hours, with or without the project. Queuing value increases due to the project would be much lower than one vehicle on average.

At the Sunset Ave/Temple Ave intersection, operations would be at LOS E in the AM and Saturday peak hours and LOS F in the PM peak hour, with or without the project. The queuing values with and without the project at all of the left-turn pockets would exceed the physical design lengths. However, queuing value increases due to the project would be nine to ten feet at the most affected movement, which is approximately one-half of one vehicle or less.

At the California Ave/Temple Ave intersection, operations would be at LOS D or better in all peak hours, with or without the project. Queuing value increases due to the project would be much lower than one vehicle on average.

Table 8 provides a summary of the queuing analysis at the study intersection striped turn pockets. The queuing changes associated with the project would not cause changes traffic operations or cause blockages at nearby driveways. All of the identified queuing increases due to project traffic would be nominal to operations, as all of the estimated increases are less than one vehicle and are therefore minor circulation impacts.

The following are determinations of the potential for improvements at the four approaches of the Sunset Ave/Temple Ave intersection, as the operational analysis indicates that adequate storage is not provided under most scenarios with or without the Project:

- Northbound Approach – A two-way left turn lane is present at the back of the left-turn pocket, and this can absorb the left-turn overflow.
- Southbound Approach - This condition may be improved with future signal timing revisions.
- Eastbound Approach - Due to physical constraints based on the proximity of the next intersection, this turn pocket cannot be extended.
- Westbound Approach - This condition may be improved with future signal timing revisions.

No changes to traffic controls or design measures such as lane configurations are recommended for the study intersections, based on this analysis. The County may make timing adjustments in the future to accommodate queuing based on area cumulative conditions, as part of on-going traffic operations planning.

Table 8 – Intersection Turn Pocket Queuing Analysis

Movement		No. Lanes	Peak Hour Volume AM	PM	Sat	95% Queue (ft.) AM	PM	Sat	Storage (ft.)	Adequate Storage?
1) California Ave and Amar Rd										
EBL	Existing	1	42	52	64	39	39	56	115	Yes
	Existing + Project	1	42	52	64	39	39	56		
	Difference	-	0	0	0	0	0	0		
	Future without Project	1	44	54	66	43	41	60		
	Future with Project	1	44	54	66	43	41	60		
	Difference	-	0	0	0	0	0	0		
WBL	Existing	1	17	27	53	9	24	42	155	Yes
	Existing + Project	1	19	29	54	11	26	43		
	Difference	-	2	2	1	2	2	1		
	Future without Project	1	18	29	56	10	26	46		
	Future with Project	1	20	31	57	11	28	47		
	Difference	-	2	2	1	1	2	1		
3) Sunset Ave and Temple Ave										
NBL	Existing	1	120	211	134	202	348	204	155	No [1]
	Existing + Project	1	120	211	134	202	348	204		
	Difference	-	0	0	0	0	0	0		
	Future without Project	1	124	217	138	210	376	212		
	Future with Project	1	124	217	138	210	376	212		
	Difference	-	0	0	0	0	0	0		
SBL	Existing	1	93	104	118	129	169	181	150	No [2]
	Existing + Project	1	97	107	120	135	176	185		
	Difference	-	4	3	2	6	7	4		
	Future without Project	1	96	107	122	134	176	191		
	Future with Project	1	100	110	124	140	183	194		
	Difference	-	4	3	2	6	7	3		
EBL	Existing	1	136	207	238	183	263	306	195	No [3]
	Existing + Project	1	136	207	238	184	264	306		
	Difference	-	0	0	0	1	1	0		
	Future without Project	1	140	213	245	190	271	317		
	Future with Project	1	140	213	245	190	272	317		
	Difference	-	0	0	0	0	1	0		
WBL	Existing	1	133	83	125	173	107	163	155	No [4]
	Existing + Project	1	136	90	128	177	116	168		
	Difference	-	3	7	3	4	9	5		
	Future without Project	1	141	85	129	185	110	169		
	Future with Project	1	144	92	132	189	120	174		
	Difference	-	3	7	3	4	10	5		
4) California Ave and Temple										
EBL	Existing	1	26	53	50	14	28	26	120	Yes
	Existing + Project	1	29	62	53	15	32	28		
	Difference	-	3	9	3	1	4	2		
	Future without Project	1	27	57	54	14	30	28		
	Future with Project	1	30	66	58	16	35	30		
	Difference	-	3	9	4	2	5	2		
WBL	Existing	1	15	34	27	8	18	14	130	Yes
	Existing + Project	1	15	34	27	8	18	14		
	Difference	-	0	0	0	0	0	0		
	Future without Project	1	15	35	28	8	18	14		
	Future with Project	1	15	35	28	8	18	14		
	Difference	-	0	0	0	0	0	0		

1 Two-way left turn lane is present at back of pocket, can absorb left-turn overflow
2 This condition may be improved with future signal timing revisions.
3 Due to physical constraints (proximity of next intersection) turn pocket cannot be extended.
4 This condition may be improved with future signal timing revisions.

Site Driveway Queuing

The project site would have one access driveway on Temple Street. The driveway location would create an unsignalized intersection with the roadway of Temple Street. The Temple Street approaches would be uncontrolled and the driveway approach for traffic departing the site would be stop-controlled.

Under future conditions with the project, the project driveway on Temple Avenue would have a 95th percentile eastbound left-turn average queue of less than one vehicle during the AM peak hour and a similar average queue during the PM peak hour. These queues would not be enough to cause any substantial operational impacts or safety impacts and would be virtually unnoticed by drivers.

The inbound queuing at the project driveway would not substantially affect area traffic operations or cause blockages at adjacent driveways. No additional controls or design measures are recommended for the project driveway location, based on this analysis.

4. SITE ACCESS STUDY – SPECIAL EVENTS

A specialized analysis was conducted for special events that will be hosted at the project site. The facility will host regional meets up to six times a year that will bring spectators from the Southwest region. These would be occasional special events, and County Parks will not operate the facilities for these events. During those times, the facility will be leased to swim organizations and competition organizations. An analysis was conducted of trip generation and parking demand that is estimated to occur during the events.

Project facility planning includes a seating capacity of approximately 500 people. Regional meets may have up to 2,000 spectators per day, attending specific heats at different periods of the day. The seating capacity was used to conservatively review the potential local effects of a capacity-level event, although many events may not use the capacity of the facility.

Participants in the regional meets would not be of driving age, and therefore vehicle trip generation and parking demand would be generated by spectators. Assuming that a typical vehicle occupancy for arriving spectators would be two persons, the trip generation for round trips to and from the facility and the parking demand for one heat would be 250 vehicles.

Event parking demand and traffic circulation effects are analyzed in the sections below.

Event Parking Demand

The project parking lot has a planned vehicle parking capacity of 72 spaces. This supply would not be able to accommodate the expected event parking demand in its entirety. Additional parking supplies would need to be temporarily provided through leases or other means during the events, to provide nearby additional off-street parking supplies. This should be pursued by the County and the event organizations to avoid local neighborhood parking and circulation impacts.

Under typical daily operations of the project facilities, outside of these occasional regional meets, parking demand would be contained within the site off-street supply. There would not be a need under typical project operations to secure off-site parking supplies.

Event Traffic Effects

Using the same event spectator numbers as those applied to the parking analysis, it was assumed that vehicle round trips for each heat of a regional meet would be the same as the parking demand at 250 vehicles.

For event trip generation, 250 inbound trips were assumed, along with 250 outbound trips. This would represent the overlap between two heats with a change in spectators. Not all of the spectators would likely arrive and depart within a one-hour timeframe, so 30 percent of the trips were assumed to occur outside of the analyzed peak-hour period. Trips were therefore analyzed as 175 inbound and 175 outbound.

The special event trips were analyzed within the study area. Table 9 provides a summary of study area traffic operations with and without special events, applying the same baseline conditions used to analyze the typical operations of the proposed project in earlier report sections.

Table 9 – Future Intersection Delay and Performance – Project Special Events

	Study Intersections	Peak Hour	Future (2024) Without Project		Future (2024) with Regional Meet	
			Delay in Sec.	LOS	Delay in Sec.	LOS
1	California Avenue and Amar Road	SAT	40.2	D	47.5	D
2	California Avenue and Giordano Street*	SAT	8.6	A	9.1	A
3	Sunset Avenue and Temple Avenue	SAT	59.9	**E**	61.5	**E**
4	California Avenue and Temple Avenue	SAT	32.0	C	33.5	C

LOS = Level of Service; HCM delay shown in X.X format.

**Stop Controlled Intersection*

The anticipated special event traffic will not have a substantial effect on study area traffic operations. The average delay at the California Avenue/Amar Road intersection would worsen by approximately seven seconds, but LOS would not worsen beyond the baseline value of D. The small 1.6-second increase in average delay at the intersection of Sunset Avenue/Temple Avenue would not be a substantial effect. Overall, no level of service degradations would occur with the added trips.

Event Management Recommendations

The regional meets at the project site are special events that should be managed by a Traffic Event Management Plan, based on the parking demand and traffic circulation effects analyzed above. The Plan would define the following:

- The expected timeframe of regional meets and the schedule for heats throughout the day of the event.
- Scheduling plan that avoids overlap of events at the proposed project and the Performance Art Center.
- The locations of supplemental parking supplies, the owner(s), and documentation of the agreement(s) that provide for the leasing or sharing of parking. Use of gated access to the planned Performance Art Center to the south, for shared parking use.
- Inbound and outbound access plan for the main project driveways on Temple Avenue, including restrictions to access for right-turn inbound only and right-turn outbound only movements.
- Wayfinding methods including directional signage and placement of event staff at critical locations at the perimeter of the site and approaching roadways to direct incoming vehicles to available parking on-site and to the supplemental supplies.
- Event media and on-line resources that provide a map and directions to parking areas in relation to the site.
- Methods for adjusting to times between heats when one group of spectators is leaving and one group is entering.
- Designation of points of traffic control by authorized personnel at major ingress and egress locations, including project site driveways for on-site parking and pick-up/drop-off areas access, and any major off-site parking location access, to control queuing onto neighboring roadways.
- Designation of any other necessary traffic control locations.
- Designation of bus loading zones, if needed, and Uber/Lyft loading zones.

5. IMPACTS AND EFFECTS CONCLUSIONS

Project transportation impacts were analyzed for CEQA and non-CEQA related issues in this transportation assessment report. As indicated in the analysis details, the proposed project is not expected to conflict with County of Los Angeles plans, programs, ordinances, or policies.

The project would not cause a significant regional vehicle miles traveled (VMT) increase. The impact threshold for the project was defined as no significant increase in VMT. The characteristics of this facility and the local use patterns that will result make the project impacts on VMT less than significant, per County California Environmental Quality Act (CEQA) analysis requirements and the applied project threshold. This analysis is provided in Section 2.

The access analysis of potential local effects of project traffic indicated that the project and generated traffic are not expected to substantially affect existing roadway operations, access, and safety. All of the identified queuing increases due to project traffic would be nominal to operations, as all of the estimated increases are less than one vehicle and are therefore minor circulation impacts. This analysis is provided in Section 3.

The regional meets at the project site are special events that should be managed by a Traffic Event Management Plan as analyzed in Section 4. It is recommended that based on the parking demand and traffic circulation effects analyzed in that section, that the Plan would define the following:

- The expected timeframe of regional meets and the schedule for heats throughout the day of the event.
- The locations of supplemental parking supplies, the owner(s), and documentation of the agreement(s) that provide for the leasing or sharing of parking.
- Wayfinding methods including directional signage and placement of event staff at critical locations at the perimeter of the site and approaching roadways to direct incoming vehicles to available parking on-site and to the supplemental supplies.
- Event media and on-line resources that provide a map and directions to parking areas in relation to the site.
- Methods for adjusting to times between heats when one group of spectators is leaving and one group is entering.
- Designation of points of traffic control by authorized personnel at major ingress and egress locations, including project site driveways for on-site parking and pick-up/drop-off areas access, and any major off-site parking location access, to control queuing onto neighboring roadways.
- Designation of any other necessary traffic control locations.
- Designation of bus loading zones, if needed, and Uber/Lyft loading zones.

APPENDIX A
Scoping Document

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MONTEREY PARK ORANGE ONTARIO SAN DIEGO LA QUINTA

MEMORANDUM

Date: August 24, 2021

To: Kent Tsujii, County of Los Angeles Department of Public Works

From: Brian Marchetti, AICP

Subject: Traffic Scoping Document for San Gabriel Valley Aquatic Center Project

This document provides the proposed project details and study methodology for consideration and comment by the County of Los Angeles Department of Public Works. A copy of this document will be shared with the City of La Puente, as the proposed study area falls partially within that jurisdiction.

Project Description

The San Gabriel Valley Aquatic Center Project (Project) is proposed on the Temple Academy School property in unincorporated County area near the City of La Puente at 635 North California Ave, La Puente, CA 91744. The Assessor's ID is 8212-011-901. The planned opening year is 2024.

The school is part of the Hacienda La Puente Unified School District (HLPUSD). The County is planning to negotiate a ground lease with the HLPUSD to complete the project. The project site is bordered by Temple Academy school/North California Avenue on the south, East Temple Avenue to the west, residences/Evanwood Avenue to the north, and Allen J. Martin Park/East Giordano Street to the east. The new aquatic facility will be placed in an area currently used as play field and a parking lot at the corner of East Temple Ave and Evanwood Avenue. The facility will include a 10,800 square foot pool building, a large competitive swimming pool, a smaller practice pool, signage, fencing, bleachers, a new one-acre park area, central plaza, parking lot, and other site improvements.

Two proposed alternatives for the site plan are provided as attachments – Option 1 is provided in Attachment A, and Option 2 is provided in Attachment B.

Both site options provide for the main pool building and the competitive and practice pools, and all of those elements are the same size in each option. The orientation of the site is generally the same across both options. The proposed primary site access point on Temple Avenue to the south is the same under both options, as are the pedestrian access points at Allen

J Martin Park to the north. The parking lot will be provided at the Temple Avenue side of the site, with all vehicular access via a proposed driveway on Temple Avenue.

Vehicle Miles Traveled (VMT) Analysis

Swimmers in the area use existing facilities in other locations. For the analysis of transportation impacts under the California Environmental Quality Act (CEQA), the presence of other existing similar pool facilities (in other locations) and how existing swimmers use these facilities will be documented. It is anticipated that the project would reduce some trips to these other facilities as they are located further from the local neighborhood and will therefore reduce area VMT for local swimmers. No new swim/sports groups or leagues will be formed due to this facility development. Those local swimmers using the facility for practice will have a shorter distance to travel from existing facilities that they are using. The potential regional impact of regional swim meets that may be relocated to the new facility will be evaluated in the report.

Project Trip Generation

The built areas of the project site will include the 10,800 square-foot pool building, and the competitive and practice pools. The combined area of these elements is 29,255 square feet. Applying Institute of Transportation Engineers (ITE) rates from *Trip Generation, 10th edition* for the recreational community center land use category, provides for an estimate of project trips for weekday daily at 843. This includes 51 AM peak hour trips and 68 PM peak hour trips. Saturday mid-day peak-hour trips would be 31.

PROJECT TRIP GENERATION

Land Use[1]	Intensity	Units[2]	Daily Total	Weekday AM Peak			Weekday PM Peak			Saturday Mid-Day		
				Total	In	Out	Total	In	Out	Total	In	Out
Trip Generation Rates												
Recreational Community Center (ITE 495)	-	KSF	28.82	1.76	66%	34%	2.31	47%	53%	1.05	53%	47%
Trip Generation Estimates												
Proposed Pool Project	29.2547	KSF	843	51	34	17	68	32	36	31	17	14
Total			**843**	**51**	**34**	**17**	**68**	**32**	**36**	**31**	**17**	**14**

Site Access Studies

Each of the site access studies defined by the County traffic guidelines for non-CEQA analysis are reviewed below for applicability to the proposed project.

<u>Operational Analysis</u>

This study section is required when site access and circulation constraints must be reviewed. These specific questions determine the need for this analysis:

- Is the project required to submit a Transportation Impact Analysis?
- Does the development project involve a discretionary action that would be reviewed by the Department of Regional Planning?

Based on the daily trip generation of the project at 843, and the minimum County threshold of 110 trips for site access studies screening, the project is required to submit a Transportation Impact Analysis.

The County traffic guidelines state that this analysis should "...address the site access and circulation needs of vehicles, bicycles and pedestrians. Including primary site access points, unsignalized intersections integral to the project's site access, and signalized intersections in the vicinity of the project site."

The required quantitative evaluation of the expected access and circulation operations will include a level of service and queuing analysis. Queuing will be evaluated for pre-project and post-project conditions at turn pockets, at the project study intersections and the driveway access point. It will be determined if the project would cause queuing to block nearby intersections and other site driveways.

The traffic study will examine four intersections in the local area for impacts under City and County guidelines under the project operations period. The locations are listed below and shown on the figure in Attachment C:

1. California Avenue/Amar Road
2. California Avenue/Giordano Street
3. Sunset Avenue/ Temple Avenue
4. California Avenue/Temple Avenue

The overall area project trip distribution percentages are included on the Attachment C figure. The percentages at the study intersections, totaling 100 percent for inbound and 100 percent for outbound trips, are provided on the figure in Attachment D.

Historic counts will be used, to represent pre-COVID traffic conditions. A combination of new counts and historic counts may be used, and the newer counts will be compared to volumes at one or more control locations, to factor upward as needed. The factoring would provide increases if volumes from new collected data are low.

The report will evaluate potential queuing at the inbound left-turn of the project Temple Avenue driveway as it will require turning from a travel lane in the eastbound direction. A Highway Capacity Manual analysis will be conducted based on the project trip generation and the volumes analyzed at the nearby study intersection.

A construction phase analysis for the peak trip phase of the construction period, will be analyzed with a trip generation table of anticipated employee levels and off-site truck hauling/delivery trips, and an analysis of level of service effects at the study intersections.

Construction Phase Analysis

This analysis as defined by the County guidelines will not be conducted, as project construction will not directly affect adjacent roadways. The project will not require major construction activities that require lane closures to take place within the right-of-way of adjacent roadways, nor would vehicle, bicycle, or pedestrian access on area roadways be physically restricted during project construction.

Local Residential Street Cut-Through Analysis

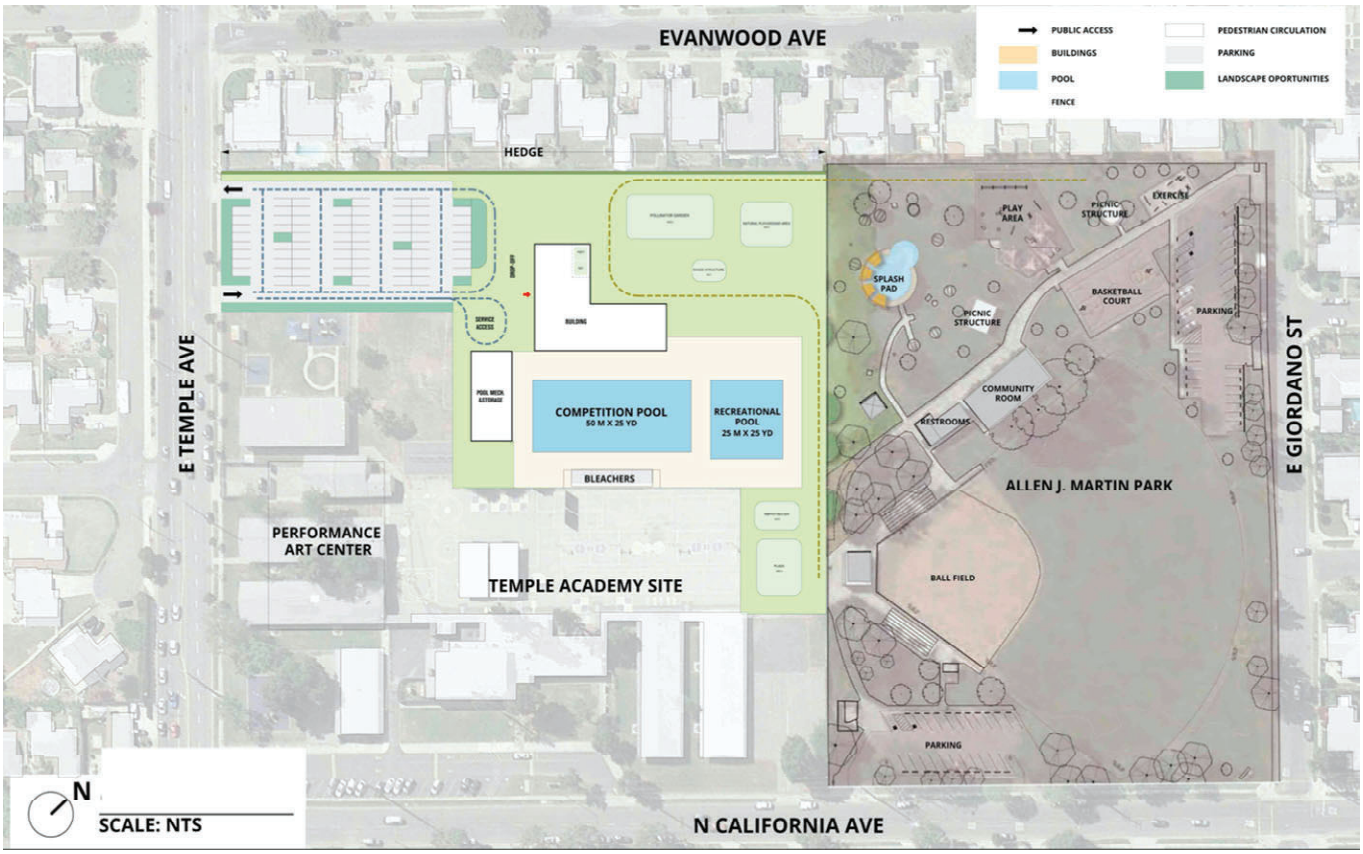
This analysis will not be conducted, as there are no identified Local Streets near the project site that would provide cut-through routes that are shorter than routes on collector or arterial roadways. The project is not expected to add vehicle trips to congested arterial street segments. Therefore, the project is not expected to add automobile traffic to alternative local residential roadways during peak hours.

Special Events

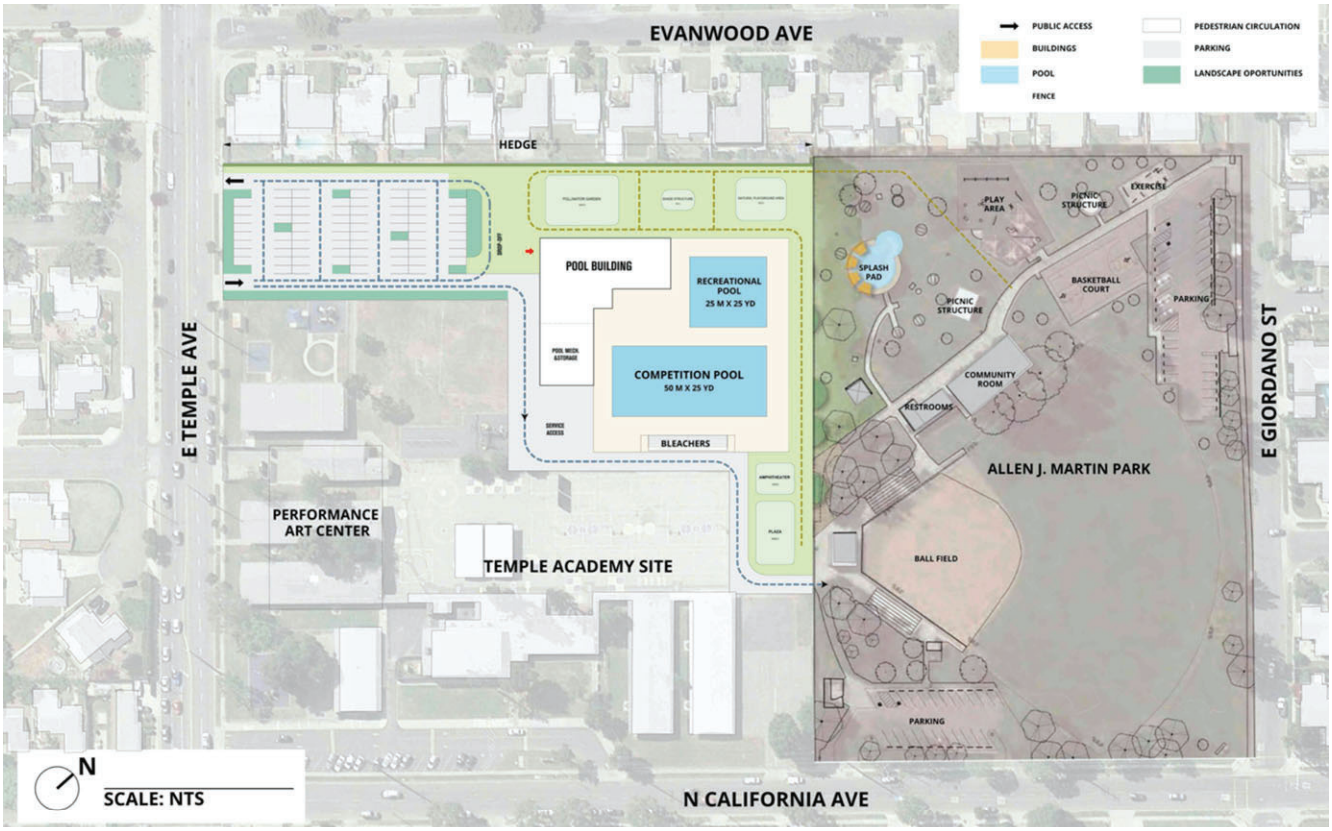
A specialized analysis will also be conducted for special events that will be hosted at the project site. The facility will host regional meets up to six times a year that will bring spectators from the Southwest region. These would be occasional special events, and County Parks will not operate the facilities for these events. During those times, the facility will be leased to swim organizations and competition organizations.

The study will evaluate in general the traffic operations and parking demand that will occur during the events. If the demand for parking exceeds the on-site supply of parking during events, then a Traffic Event Management Study will be conducted.

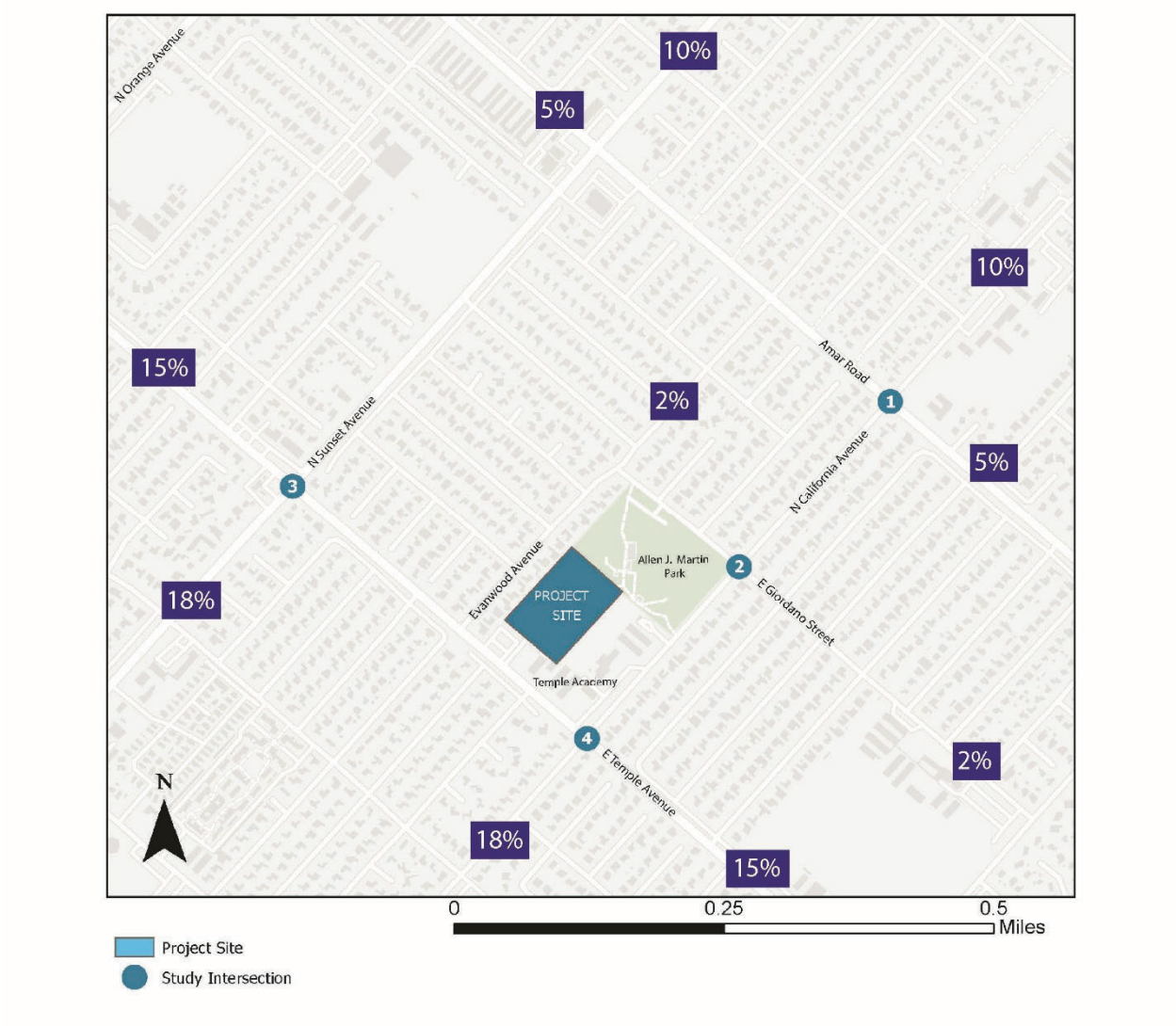
ATTACHMENT A –
SITE PLAN OPTION 1



ATTACHMENT B –
SITE PLAN OPTION 2



ATTACHMENT C –
LOCAL TRAFFIC ANALYSIS STUDY INTERSECTIONS
AND PROJECT TRIP DISTRIBUTION

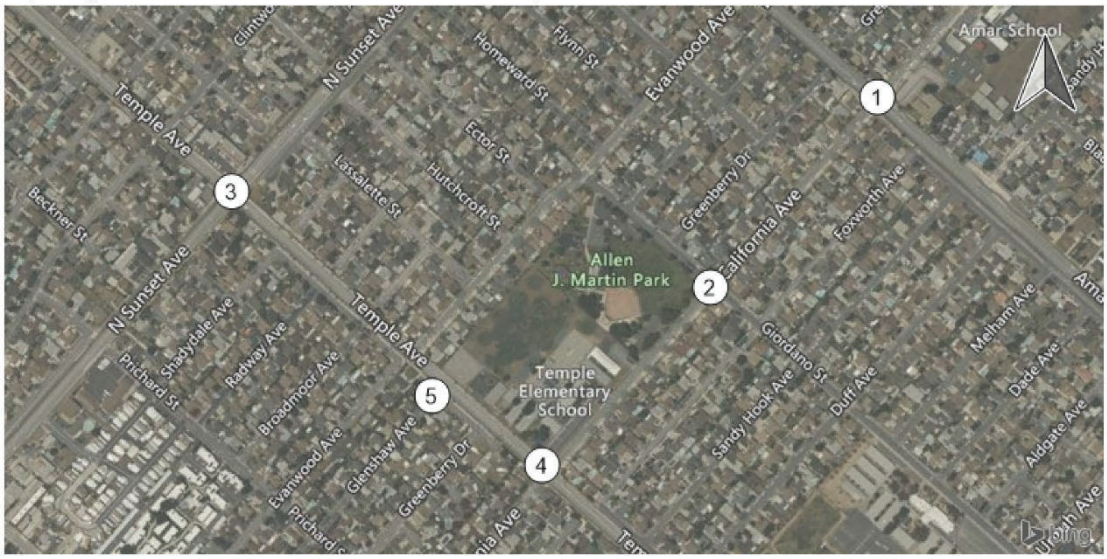


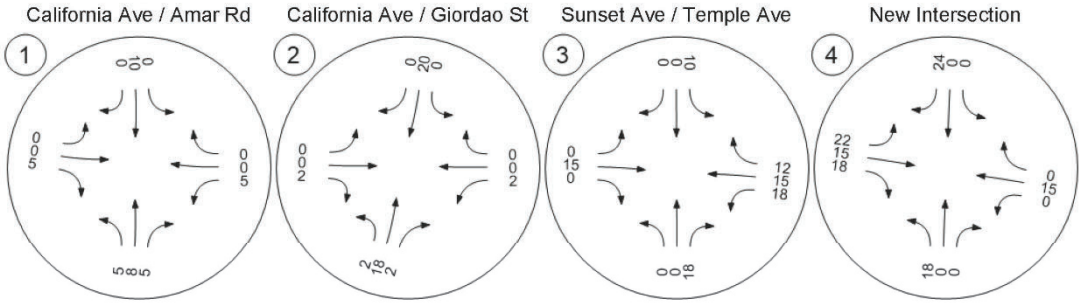
ATTACHMENT D –
PROJECT TRIP DISTRIBUTION AT
STUDY INTERSECTIONS

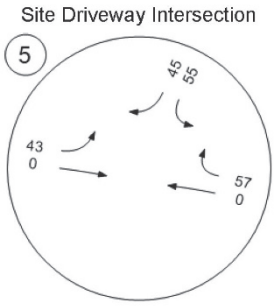
Generated with PTV VISTRO
Version 2021 (SP 0-2)

Scenario: Base Scenario
SGV Aquatics Center

Report Figure 7209074d: Traffic Volume - Net New Site Trips

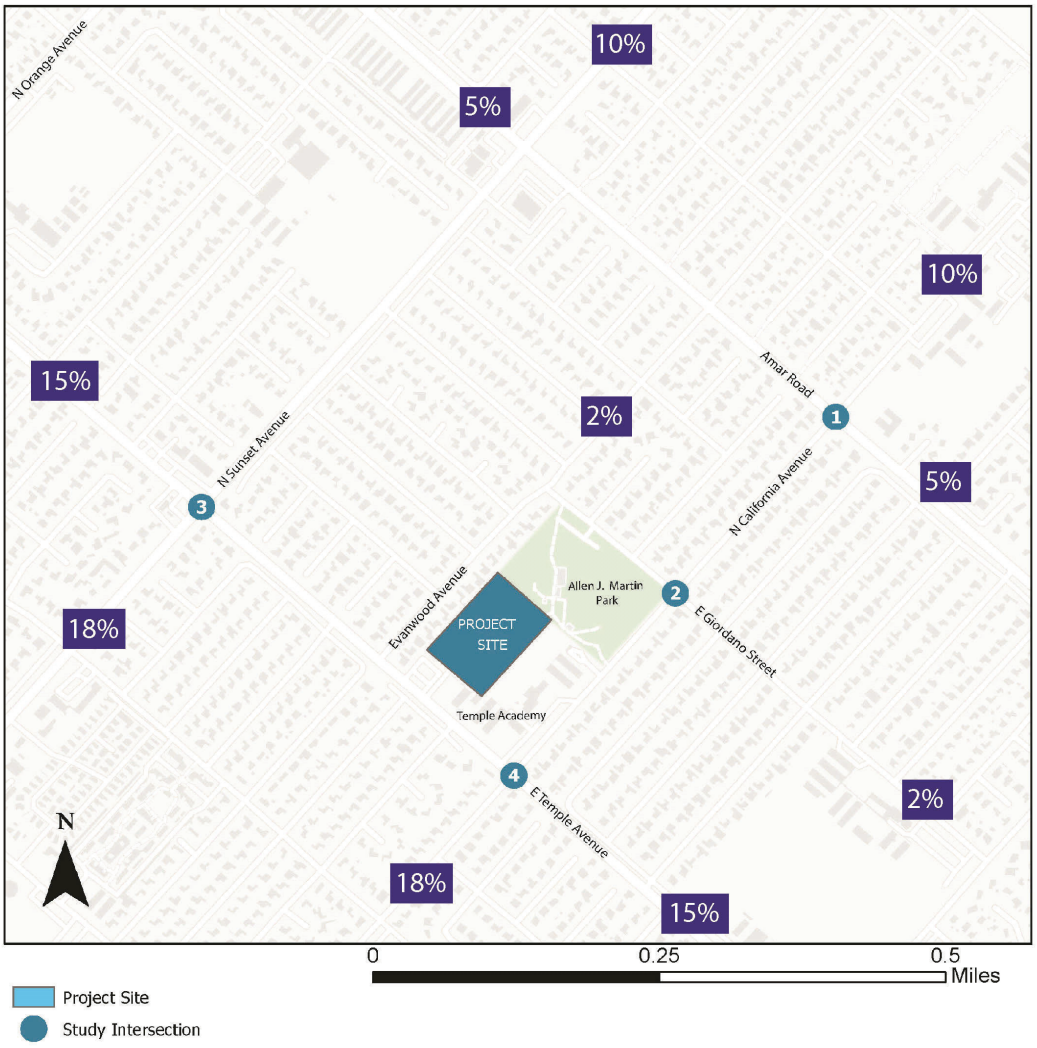






3/27/2021

Project Overall Trip Distribution



APPENDIX B
Traffic Count Summaries

National Data & Surveying Services

Intersection Turning Movement Count

Location: N California Ave & Amar Rd
City: La Puente
Control: Signalized

Project ID: 21-020128-001
Date: 5/6/2021

Total

NS/EW Streets:	N California Ave				N California Ave				Amar Rd				Amar Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	1	2	0	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	3	3	2	0	2	6	6	0	5	61	3	0	4	176	2	0	273
7:15 AM	7	9	3	0	11	7	7	1	4	90	4	0	3	192	5	0	343
7:30 AM	6	17	3	0	15	4	3	0	6	85	3	0	4	221	4	0	371
7:45 AM	5	16	2	0	12	16	8	0	8	111	1	0	0	226	8	0	413
8:00 AM	3	8	0	0	17	17	9	0	6	87	1	0	1	221	10	0	380
8:15 AM	4	16	8	0	9	14	11	0	7	109	0	0	6	188	7	0	379
8:30 AM	5	3	5	0	10	8	4	0	9	104	3	0	2	188	8	0	349
8:45 AM	5	9	4	0	15	16	6	0	8	118	2	0	3	146	15	0	347
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	38	81	27	0	91	88	54	1	53	765	17	0	23	1558	59	0	2855
APPROACH %'s :	26.03%	55.48%	18.49%	0.00%	38.89%	37.61%	23.08%	0.43%	6.35%	91.62%	2.04%	0.00%	1.40%	95.00%	3.60%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	18	57	13	0	53	51	31	0	27	392	5	0	11	856	29	0	1543
PEAK HR FACTOR :	0.750	0.838	0.406	0.000	0.779	0.750	0.705	0.000	0.844	0.883	0.417	0.000	0.458	0.947	0.725	0.000	0.934
	0.786				0.785				0.883				0.957				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	1	2	0	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	2	31	10	0	13	16	3	0	18	208	5	0	1	164	10	0	481
4:15 PM	5	36	7	0	25	26	12	0	12	222	1	0	4	180	20	0	550
4:30 PM	4	32	4	0	18	13	10	0	8	234	5	0	12	183	15	0	538
4:45 PM	5	26	4	0	10	30	11	0	10	238	5	0	9	193	24	1	566
5:00 PM	11	36	10	0	12	16	11	0	9	241	7	1	4	200	13	0	571
5:15 PM	6	50	8	0	15	22	14	0	5	238	6	0	7	181	18	0	570
5:30 PM	5	32	17	0	12	20	20	0	15	243	8	0	5	193	17	0	587
5:45 PM	10	36	10	0	12	23	8	0	11	274	7	0	5	177	18	0	591
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	48	279	70	0	117	166	89	0	88	1898	44	1	47	1471	135	1	4454
APPROACH %'s :	12.09%	70.28%	17.63%	0.00%	31.45%	44.62%	23.92%	0.00%	4.33%	93.45%	2.17%	0.05%	2.84%	88.94%	8.16%	0.06%	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	32	154	45	0	51	81	53	0	40	996	28	1	21	751	66	0	2319
PEAK HR FACTOR :	0.727	0.770	0.662	0.000	0.850	0.880	0.663	0.000	0.667	0.909	0.875	0.250	0.750	0.939	0.917	0.000	0.981
	0.902				0.889				0.912				0.965				

Prepared by National Data & Surveying Services

N California Ave & Amar Rd

Peak Hour Turning Movement Count

ID: 21-020128-001
City: La Puente

Day: Thursday
Date: 05/06/2021

PEAK HOURS	COUNT PERIODS
07:30 AM - 08:30 AM	07:00 AM - 09:00 AM
NONE	NONE
05:00 PM - 06:00 PM	04:00 PM - 06:00 PM

N California Ave — SOUTHBOUND

AM	31	51	53	0	113	AM
NOON	0	0	0	0	0	NOON
PM	53	81	51	0	260	PM

EASTBOUND — Amar Rd

AM	NOON	PM		
905	0	837	⇦	
0	0	1	↶	0
27	0	40	↱	1
392	0	996	→	2
5	0	28	↴	0
AM	NOON	PM		

WESTBOUND — Amar Rd

PM	NOON	AM		
66	0	29	↰	0
751	0	856	←	2
21	0	11	↰	1
0	0	0	↶	0
1092	0	458	⇨	
PM	NOON	AM		

CONTROL

Signalized

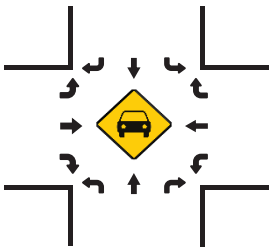
TEV	1543 AM	0 NOON	2319 PM
PHF	0.93		0.98

NORTHBOUND — N California Ave

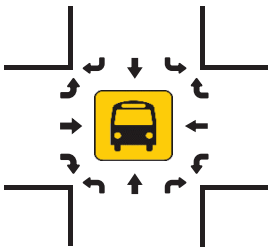
PM	130	0	32	154	45	PM
NOON	0	0	0	0	0	NOON
AM	67	0	18	57	13	AM

0 1 0 0 — 0 0 1 0

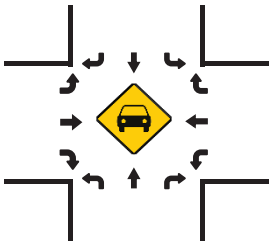
Total Vehicles (AM)



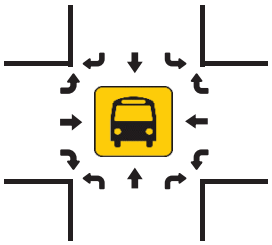
Total Vehicles (AM)



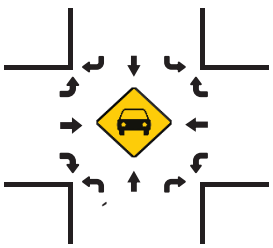
Total Vehicles (NOON)



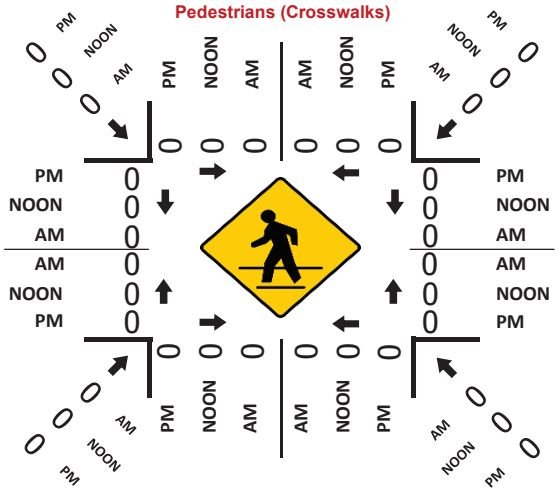
Total Vehicles (NOON)



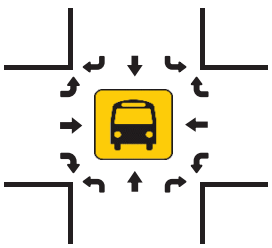
Total Vehicles (PM)



Pedestrians (Crosswalks)



Total Vehicles (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: N Sunset Ave & E Temple Ave
City: La Puente
Control: Signalized

Project ID: 21-020128-003
Date: 5/6/2021

Total

NS/EW Streets:	N Sunset Ave				N Sunset Ave				E Temple Ave				E Temple Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	1	2	0	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	13	59	5	0	9	155	12	0	11	43	18	0	27	104	11	0	467
7:15 AM	16	70	7	0	9	210	16	0	15	44	22	0	21	119	9	0	558
7:30 AM	17	72	9	0	7	198	27	0	21	48	17	0	27	124	13	0	580
7:45 AM	19	92	7	0	14	205	22	0	20	79	30	0	22	162	14	0	686
8:00 AM	18	84	13	0	15	182	29	0	23	64	28	0	21	122	14	0	613
8:15 AM	21	94	8	0	12	186	22	0	24	60	26	0	31	121	13	0	618
8:30 AM	20	113	9	0	19	144	20	0	21	73	19	0	12	132	14	0	596
8:45 AM	14	78	8	0	12	132	28	0	27	89	17	0	31	107	20	0	563
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	138	662	66	0	97	1412	176	0	162	500	177	0	192	991	108	0	4681
APPROACH %'s :	15.94%	76.44%	7.62%	0.00%	5.76%	83.80%	10.45%	0.00%	19.31%	59.59%	21.10%	0.00%	14.87%	76.76%	8.37%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	78	383	37	0	60	717	93	0	88	276	103	0	86	537	55	0	2513
PEAK HR FACTOR :	0.929	0.847	0.712	0.000	0.789	0.874	0.802	0.000	0.917	0.873	0.858	0.000	0.694	0.829	0.982	0.000	0.916
	0.877				0.902				0.905				0.856				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	1	2	0	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	24	190	27	0	14	122	26	0	39	148	18	0	22	84	18	0	732
4:15 PM	26	192	28	0	32	158	23	0	40	125	24	0	10	81	15	0	754
4:30 PM	38	225	29	0	17	122	16	0	36	178	32	0	18	103	13	0	827
4:45 PM	41	219	27	0	20	136	21	0	54	154	25	0	17	76	15	0	805
5:00 PM	43	265	45	0	25	151	25	0	49	175	25	0	14	93	14	0	924
5:15 PM	42	261	47	0	25	154	31	0	36	146	21	0	19	82	20	0	884
5:30 PM	42	212	30	0	10	164	33	0	34	144	31	0	16	94	22	0	832
5:45 PM	35	235	40	0	20	141	34	0	40	169	25	0	15	89	26	0	869
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	291	1799	273	0	163	1148	209	0	328	1239	201	0	131	702	143	0	6627
APPROACH %'s :	12.31%	76.13%	11.55%	0.00%	10.72%	75.53%	13.75%	0.00%	18.55%	70.08%	11.37%	0.00%	13.42%	71.93%	14.65%	0.00%	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	162	973	162	0	80	610	123	0	159	634	102	0	64	358	82	0	3509
PEAK HR FACTOR :	0.942	0.918	0.862	0.000	0.800	0.930	0.904	0.000	0.811	0.906	0.823	0.000	0.842	0.952	0.788	0.000	0.949
	0.919				0.968				0.899				0.955				

Prepared by National Data & Surveying Services

N Sunset Ave & E Temple Ave

Peak Hour Turning Movement Count

ID: 21-020128-003
City: La Puente

Day: Thursday
Date: 05/06/2021

PEAK HOURS	COUNT PERIODS
07:45 AM - 08:45 AM	07:00 AM - 09:00 AM
NONE	NONE
05:00 PM - 06:00 PM	04:00 PM - 06:00 PM

N Sunset Ave — SOUTHBOUND

AM	93	717	60	0	526	AM
NOON	0	0	0	0	0	NOON
PM	123	610	80	0	1214	PM
	0	2	1	0		

E Temple Ave — EASTBOUND

AM	NOON	PM	
708	0	643	
0	0	0	0
88	0	159	1
276	0	634	2
103	0	102	0
AM	NOON	PM	

CONTROL

Signalized

TEV	2513 AM	0 NOON	3509 PM
PHF	0.92		0.95

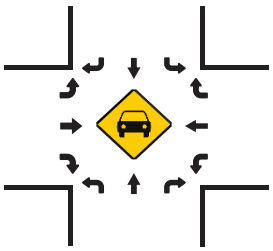
WESTBOUND — E Temple Ave

	PM	NOON	AM
0	82	0	55
2	358	0	537
1	64	0	86
0	0	0	0
	876	0	373
	PM	NOON	AM

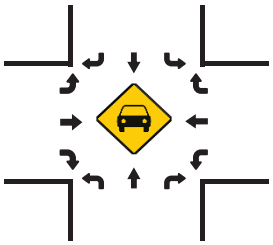
	0	1	2	0	
PM	776	0	162	973	162	PM
NOON	0	0	0	0	0	NOON
AM	906	0	78	383	37	AM

N Sunset Ave — NORTHBOUND

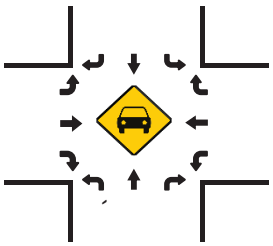
Total Vehicles (AM)



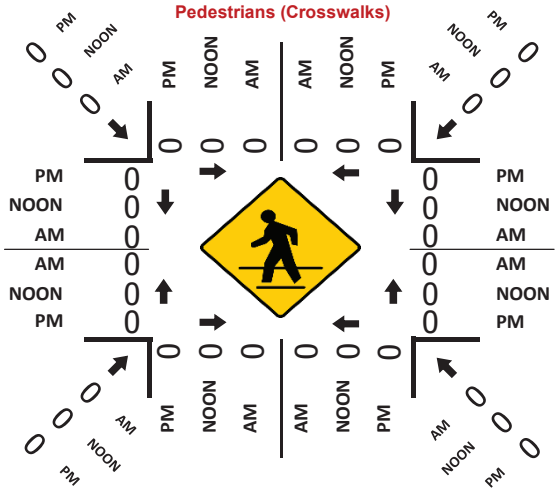
Total Vehicles (NOON)



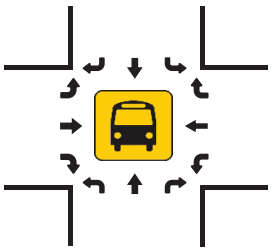
Total Vehicles (PM)



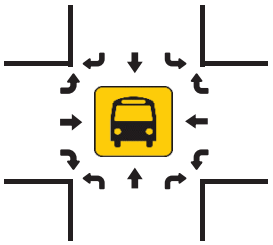
Pedestrians (Crosswalks)



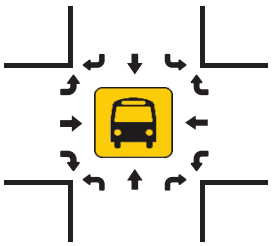
Total Vehicles (AM)



Total Vehicles (NOON)



Total Vehicles (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: N California Ave & E Temple Ave
City: La Puente
Control: Signalized

Project ID: 21-020128-004
Date: 5/6/2021

Total

NS/EW Streets:	N California Ave				N California Ave				E Temple Ave				E Temple Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	1	2	0	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	3	3	0	0	5	14	4	0	3	48	3	0	0	128	2	0	213
7:15 AM	7	8	2	0	2	8	3	0	2	60	0	0	6	131	2	0	231
7:30 AM	9	9	2	0	5	10	9	0	3	64	0	0	2	139	12	0	264
7:45 AM	2	14	2	0	6	8	6	0	6	91	7	0	2	187	4	0	335
8:00 AM	1	10	1	0	7	11	7	0	4	98	2	0	2	145	3	0	291
8:15 AM	6	12	4	0	5	14	6	0	4	73	5	0	5	155	3	0	292
8:30 AM	5	10	1	0	4	7	6	0	3	97	3	0	1	155	0	0	292
8:45 AM	4	9	2	0	4	11	7	0	6	99	4	0	3	138	1	0	288
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	37	75	14	0	38	83	48	0	31	630	24	0	21	1178	27	0	2206
APPROACH %'s :	29.37%	59.52%	11.11%	0.00%	22.49%	49.11%	28.40%	0.00%	4.53%	91.97%	3.50%	0.00%	1.71%	96.08%	2.20%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	14	46	8	0	22	40	25	0	17	359	17	0	10	642	10	0	1210
PEAK HR FACTOR :	0.583	0.821	0.500	0.000	0.786	0.714	0.893	0.000	0.708	0.916	0.607	0.000	0.500	0.858	0.625	0.000	0.903
	0.773				0.870				0.945				0.858				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	1	2	0	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	4	35	7	0	5	17	5	0	9	174	7	0	2	114	5	0	384
4:15 PM	6	29	8	0	5	21	4	0	6	172	1	0	10	103	11	0	376
4:30 PM	5	30	7	0	3	24	5	0	9	187	6	0	7	108	2	0	393
4:45 PM	7	31	15	0	12	22	6	0	9	193	4	0	8	110	9	0	426
5:00 PM	5	45	5	0	3	20	5	0	11	235	3	0	5	119	8	0	464
5:15 PM	10	45	15	0	4	20	3	0	12	201	10	0	6	114	7	0	447
5:30 PM	9	33	4	0	3	20	11	0	17	154	7	0	7	101	9	0	375
5:45 PM	6	30	6	0	3	24	7	0	14	200	6	0	2	122	7	0	427
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	52	278	67	0	38	168	46	0	87	1516	44	0	47	891	58	0	3292
APPROACH %'s :	13.10%	70.03%	16.88%	0.00%	15.08%	66.67%	18.25%	0.00%	5.28%	92.05%	2.67%	0.00%	4.72%	89.46%	5.82%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	27	151	42	0	22	86	19	0	41	816	23	0	26	451	26	0	1730
PEAK HR FACTOR :	0.675	0.839	0.700	0.000	0.458	0.896	0.792	0.000	0.854	0.868	0.575	0.000	0.813	0.947	0.722	0.000	0.932
	0.786				0.794				0.884				0.953				

Prepared by National Data & Surveying Services

N California Ave & E Temple Ave

Peak Hour Turning Movement Count

ID: 21-020128-004
City: La Puente

Day: Thursday
Date: 05/06/2021

PEAK HOURS	
AM	07:45 AM - 08:45 AM
NOON	NONE
PM	04:30 PM - 05:30 PM

COUNT PERIODS	
AM	07:00 AM - 09:00 AM
NOON	NONE
PM	04:00 PM - 06:00 PM

N California Ave — SOUTHBOUND

AM	25	40	22	0	73	AM
NOON	0	0	0	0	0	NOON
PM	19	86	22	0	218	PM

E Temple Ave — EASTBOUND

AM	NOON	PM		
681	0	497	⇦	
0	0	0	↶	0
17	0	41	↱	1
359	0	816	→	2
17	0	23	↳	0
AM	NOON	PM		

E Temple Ave — WESTBOUND

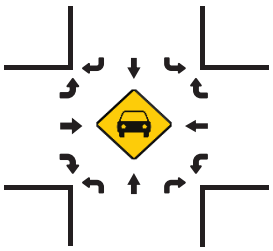
PM	NOON	AM		
26	0	10	↰	0
451	0	642	←	2
26	0	10	↰	1
0	0	0	↶	0
880	0	389	⇨	
PM	NOON	AM		

N California Ave — NORTHBOUND

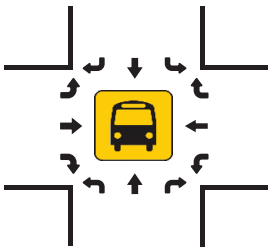
PM	135	0	27	151	42	PM
NOON	0	0	0	0	0	NOON
AM	67	0	14	46	8	AM

CONTROL			
Signalized			
TEV	1210 AM	0 NOON	1730 PM
PHF	0.90		0.93

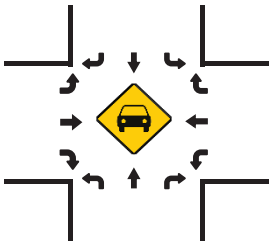
Total Vehicles (AM)



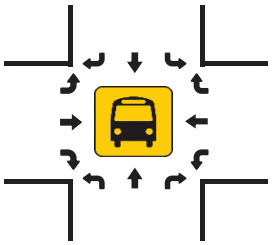
Total Vehicles (AM)



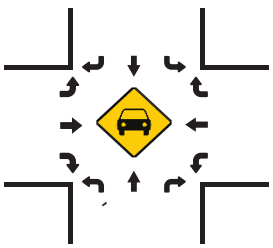
Total Vehicles (NOON)



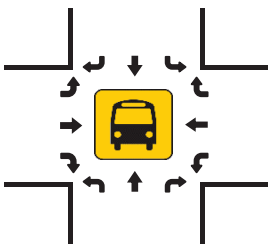
Total Vehicles (NOON)



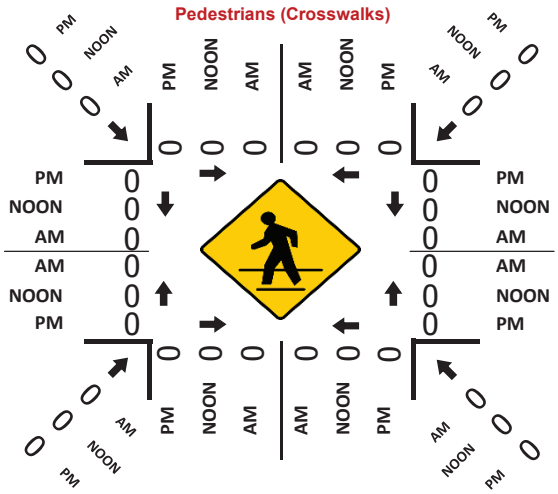
Total Vehicles (PM)



Total Vehicles (PM)



Pedestrians (Crosswalks)



Los Angeles County Department of Public Works

Turning Movement Count

Access Date: 5/3/21 1:24 PM **Report ID:** 44

Count Date: 2/5/2018 Monday

Counted By: Osvaldo Arana **Int.:** CALIFORNIA AVENUE at GIORDANO STREET **Conditions:** Clear

North Approach:	CALIFORNIA AVENUE	**South Approach:**	CALIFORNIA AVENUE
East Approach:	GIORDANO STREET	**West Approach:**	GIORDANO STREET

North Approach

	Cars			Trucks			Total Veh.		Ped. Across		Total Veh.	
Time	Left	Thru	Right	Left	Thru	Right	15'	1 Hour	Adult	Child	15'	1 Hour
6:00 AM	0	9	0	0	0	0	9	45	0	0	10	61
6:15 AM	0	3	0	0	0	0	3	44	0	0	4	64
6:30 AM	0	19	1	0	0	0	20	51	0	0	26	79
6:45 AM	0	13	0	0	0	0	13	39	0	0	21	72
7:00 AM	0	6	2	0	0	0	8	61	0	0	13	129
7:15 AM	1	9	0	0	0	0	10	82	2	0	19	183
7:30 AM	2	6	0	0	0	0	8	103	1	0	19	215
7:45 AM	4	31	0	0	0	0	35	114	5	2	78	225
8:00 AM	3	25	1	0	0	0	29	98	0	0	67	182
8:15 AM	1	27	1	0	2	0	31	91	0	0	51	177
8:30 AM	0	19	0	0	0	0	19	84	0	0	29	172
8:45 AM	0	17	2	0	0	0	19	92	0	0	35	182
9:00 AM	1	18	3	0	0	0	22	102	1	0	62	192
9:15 AM	5	17	1	0	1	0	24	98	1	0	46	161
9:30 AM	3	21	2	0	1	0	27	97	0	0	39	166
9:45 AM	2	24	2	0	1	0	29	102	1	0	45	173
10:00 AM	2	13	1	0	2	0	18	88	0	0	31	161
10:15 AM	1	19	3	0	0	0	23	105	0	0	51	194
10:30 AM	3	28	0	0	1	0	32	101	0	0	46	181
10:45 AM	1	14	0	0	0	0	15	104	0	0	33	202
11:00 AM	5	27	3	0	0	0	35	127	0	0	64	238
11:15 AM	0	17	2	0	0	0	19	0	0	0	38	
11:30 AM	6	27	2	0	0	0	35	0	0	0	67	
11:45 AM	3	26	9	0	0	0	38	0	0	0	69	
S. Total	**43**	**435**	**35**	**0**	**8**	**0**			**11**	**2**		
			513			**8**	**521**			**13**		

South Approach

	Cars			Trucks			Total Veh.		Ped. Across		Total Veh.	
Time	Left	Thru	Right	Left	Thru	Right	15'	1 Hour	Adult	Child	15'	1 Hour
6:00 AM	0	1	0	0	0	0	1	16	0	0	10	61
6:15 AM	0	1	0	0	0	0	1	20	0	0	4	64
6:30 AM	0	5	1	0	0	0	6	28	0	0	26	79
6:45 AM	1	5	2	0	0	0	8	33	0	0	21	72
7:00 AM	1	4	0	0	0	0	5	68	1	0	13	129
7:15 AM	1	8	0	0	0	0	9	101	0	0	19	183
7:30 AM	0	7	4	0	0	0	11	112	0	0	19	215
7:45 AM	2	35	6	0	0	0	43	111	5	1	78	225
8:00 AM	2	32	4	0	0	0	38	84	6	0	67	182
8:15 AM	0	19	1	0	0	0	20	86	0	0	51	177
8:30 AM	2	8	0	0	0	0	10	88	0	0	29	172
8:45 AM	3	13	0	0	0	0	16	90	0	0	35	182
9:00 AM	4	32	4	0	0	0	40	90	2	1	62	192
9:15 AM	2	20	0	0	0	0	22	63	0	0	46	161
9:30 AM	1	9	2	0	0	0	12	69	0	0	39	166
9:45 AM	2	13	1	0	0	0	16	71	3	0	45	173
10:00 AM	1	10	2	0	0	0	13	73	0	0	31	161
10:15 AM	3	22	3	0	0	0	28	89	0	0	51	194
10:30 AM	1	11	1	0	1	0	14	80	0	0	46	181
10:45 AM	0	17	1	0	0	0	18	98	0	0	33	202
11:00 AM	2	25	2	0	0	0	29	111	0	0	64	238
11:15 AM	5	11	3	0	0	0	19	0	0	0	38	
11:30 AM	4	24	4	0	0	0	32	0	0	0	67	
11:45 AM	3	26	1	0	1	0	31	0	0	0	69	
S. Total	**40**	**358**	**42**	**0**	**2**	**0**			**17**	**2**		
			440			**2**	**442**			**19**	**963**	

East Approach

	Cars			Trucks			Total Veh.		Ped. Across		Total Veh.	
Time	Left	Thru	Right	Left	Thru	Right	15'	1 Hour	Adult	Child	15'	1 Hour
6:00 AM	5	0	0	0	0	0	5	17	0	0	5	28
6:15 AM	2	0	1	0	0	0	3	17	0	0	4	33
6:30 AM	1	0	4	0	0	0	5	18	0	0	10	36
6:45 AM	1	1	1	1	0	0	4	29	0	0	9	50
7:00 AM	2	1	2	0	0	0	5	57	1	0	10	96
7:15 AM	2	2	0	0	0	0	4	65	0	0	7	106
7:30 AM	3	6	7	0	0	0	16	63	0	0	24	109
7:45 AM	18	3	11	0	0	0	32	48	1	0	55	90
8:00 AM	6	0	7	0	0	0	13	19	0	0	20	39
8:15 AM	2	0	0	0	0	0	2	17	0	0	10	48
8:30 AM	1	0	0	0	0	0	1	23	0	0	5	50

West Approach

	Cars			Trucks			Total Veh.		Ped. Across		Total Veh.	
Time	Left	Thru	Right	Left	Thru	Right	15'	1 Hour	Adult	Child	15'	1 Hour
6:00 AM	0	0	0	0	0	0	0	11	0	0	5	28
6:15 AM	0	0	1	0	0	0	1	16	0	0	4	33
6:30 AM	0	2	3	0	0	0	5	18	0	0	10	36
6:45 AM	0	2	3	0	0	0	5	21	0	0	9	50
7:00 AM	0	3	1	0	1	0	5	39	2	0	10	96
7:15 AM	1	1	1	0	0	0	3	41	0	0	7	106
7:30 AM	1	6	1	0	0	0	8	46	0	0	24	109
7:45 AM	3	7	13	0	0	0	23	42	2	0	55	90
8:00 AM	1	4	2	0	0	0	7	20	2	0	20	39
8:15 AM	1	3	4	0	0	0	8	31	0	0	10	48
8:30 AM	1	1	1	0	1	0	4	27	1	0	5	50

8:45 AM	2	0	1	0	0	0	3	30	0	0	0	1	0	0	0	0	1	28	0	0	4	58
9:00 AM	4	2	4	1	0	0	11	32	0	0	6	6	5	0	0	1	18	35	3	1	29	67
9:15 AM	3	1	4	0	0	0	8	25	0	0	1	1	2	0	0	0	4	19	1	0	12	44
9:30 AM	3	1	4	0	0	0	8	26	0	0	0	3	1	0	0	1	5	21	0	0	13	47
9:45 AM	2	1	2	0	0	0	5	22	1	0	2	3	3	0	0	0	8	19	0	0	13	41
10:00 AM	1	2	1	0	0	0	4	24	0	0	1	0	1	0	0	0	2	17	0	0	6	41
10:15 AM	2	1	1	2	0	3	9	30	0	0	3	1	2	0	0	0	6	22	0	0	15	52
10:30 AM	2	0	2	0	0	0	4	33	0	0	1	1	1	0	0	0	3	23	0	0	7	56
10:45 AM	3	2	2	0	0	0	7	41	0	0	1	2	2	0	0	1	6	29	3	0	13	70
11:00 AM	3	2	4	1	0	0	10	36	0	0	1	4	2	0	0	0	7	30	1	0	17	66
11:15 AM	6	2	3	0	0	1	12	0	1	0	1	1	5	0	0	0	7	0	0	0	19	
11:30 AM	5	1	6	0	0	0	12	0	1	1	4	3	2	0	0	0	9	0	0	0	21	
11:45 AM	0	1	1	0	0	0	2	0	0	0	2	1	4	0	0	0	7	0	1	0	9	
S. Total	**79**	**29**	**68**	**5**	**0**	**4**			**5**	**1**	**31**	**56**	**60**	**0**	**2**	**3**			**16**	**1**		
			176			**9**	**185**			**6**			**147**			**5**	**152**			**17**	**337**	

Los Angeles County Department of Public Works

Turning Movement Count

Access Date: 5/3/21 1:26 PM
Report ID: 44
Count Date: 2/5/2018 Monday
Counted By: Osvaldo Arana
Int.: CALIFORNIA AVENUE at GIORDANO STREET
Conditions: Clear

North Approach:	CALIFORNIA AVENUE	**South Approach:**	CALIFORNIA AVENUE
East Approach:	GIORDANO STREET	**West Approach:**	GIORDANO STREET

Peak Time: 7:30 AM Intersection Peak Volume Total: 324

App	Veh	Vol		Left Turns		Through		Right Turns	
N	Car	101	98%	10	10%	89	88%	2	2%
	Trk	2	2%	0	0%	2	100%	0	0%
	Tot	103	100%	10	10%	91	88%	2	2%
S	Car	112	100%	4	4%	93	83%	15	13%
	Trk	0	0%	0		0		0	
	Tot	112	100%	4	4%	93	83%	15	13%
E	Car	63	100%	29	46%	9	14%	25	40%
	Trk	0	0%	0		0		0	
	Tot	63	100%	29	46%	9	14%	25	40%
W	Car	46	100%	6	13%	20	43%	20	43%
	Trk	0	0%	0		0		0	
	Tot	46	100%	6	13%	20	43%	20	43%

Six-Hour Average Hourly Volume Total: 220

App	Veh	Vol		Left Turns		Through		Right Turns	
N	Car	85	98%	7	8%	73	86%	5	6%
	Trk	2	2%	0	0%	2	100%	0	0%
	Tot	87	100%	7	8%	75	86%	5	6%
S	Car	75	100%	7	9%	61	81%	7	9%
	Trk	0	0%	0		0		0	
	Tot	75	100%	7	9%	61	81%	7	9%
E	Car	30	94%	13	43%	5	17%	12	40%
	Trk	2	6%	1	50%	0	0%	1	50%
	Tot	32	100%	14	44%	5	16%	13	41%
W	Car	25	96%	5	20%	10	40%	10	40%
	Trk	1	4%	0	0%	0	0%	1	100%
	Tot	26	100%	5	19%	10	38%	11	42%

Peak Time: 11:00 AM North Approach Total Intersection: 304

App	Veh	Vol		Left Turns		Through		Right Turns	
N	Car	127	100%	14	11%	97	76%	16	13%
	Trk	0	0%	0		0		0	
	Tot	127	100%	14	11%	97	76%	16	13%
S	Car	110	99%	14	13%	86	78%	10	9%
	Trk	1	1%	0	0%	1	100%	0	0%
	Tot	111	100%	14	13%	87	78%	10	9%
E	Car	34	94%	14	41%	6	18%	14	41%
	Trk	2	6%	1	50%	0	0%	1	50%
	Tot	36	100%	15	42%	6	17%	15	42%
W	Car	30	100%	8	27%	9	30%	13	43%
	Trk	0	0%	0		0		0	
	Tot	30	100%	8	27%	9	30%	13	43%

Peak Time: 7:15 AM East Approach Total Intersection: 289

App	Veh	Vol		Left Turns		Through		Right Turns	
N	Car	82	100%	10	12%	71	87%	1	1%
	Trk	0	0%	0		0		0	
	Tot	82	100%	10	12%	71	87%	1	1%
S	Car	101	100%	5	5%	82	81%	14	14%
	Trk	0	0%	0		0		0	
	Tot	101	100%	5	5%	82	81%	14	14%
E	Car	65	100%	29	45%	11	17%	25	38%
	Trk	0	0%	0		0		0	
	Tot	65	100%	29	45%	11	17%	25	38%
W	Car	41	100%	6	15%	18	44%	17	41%
	Trk	0	0%	0		0		0	
	Tot	41	100%	6	15%	18	44%	17	41%

Peak Time: 7:30 AM South Approach Total Intersection: 324

App	Veh	Vol		Left Turns		Through		Right Turns	
N	Car	101	98%	10	10%	89	88%	2	2%
	Trk	2	2%	0	0%	2	100%	0	0%
	Tot	103	100%	10	10%	91	88%	2	2%
S	Car	112	100%	4	4%	93	83%	15	13%
	Trk	0	0%	0		0		0	
	Tot	112	100%	4	4%	93	83%	15	13%

Peak Time: 7:30 AM West Approach Total Intersection: 324

App	Veh	Vol		Left Turns		Through		Right Turns	
N	Car	101	98%	10	10%	89	88%	2	2%
	Trk	2	2%	0	0%	2	100%	0	0%
	Tot	103	100%	10	10%	91	88%	2	2%
S	Car	112	100%	4	4%	93	83%	15	13%
	Trk	0	0%	0		0		0	
	Tot	112	100%	4	4%	93	83%	15	13%

E	Car	63	100%	29	46%	9	14%	25	40%
	Trk	0	0%	0		0		0	
	Tot	63	100%	29	46%	9	14%	25	40%
W	Car	46	100%	6	13%	20	43%	20	43%
	Trk	0	0%	0		0		0	
	Tot	46	100%	6	13%	20	43%	20	43%

E	Car	63	100%	29	46%	9	14%	25	40%
	Trk	0	0%	0		0		0	
	Tot	63	100%	29	46%	9	14%	25	40%
W	Car	46	100%	6	13%	20	43%	20	43%
	Trk	0	0%	0		0		0	
	Tot	46	100%	6	13%	20	43%	20	43%

Pedestrian Volumes 6-Hour Total

Ped	N	S	Tots N-S	E	W	Tots E-W	Total
Adult	11	17	28	5	16	21	49
Child	2	2	4	1	1	2	6

Left Turn Peak Quarter

App	Began	Tot Left
N	11:30 AM	6
S	11:15 AM	5
E	7:45 AM	18
W	9:00 AM	6

Los Angeles County Department of Public Works

Turning Movement Count

Access Date: 5/3/21 1:26 PM **Report ID:** 48

Count Date: 2/20/2018 Tuesday

Counted By: Brian K Oliver **Int.:** CALIFORNIA AVENUE at GIORDANO STREET **Conditions:** Clear

North Approach:	CALIFORNIA AVENUE	**South Approach:**	CALIFORNIA AVENUE
East Approach:	GIORDANO STREET	**West Approach:**	GIORDANO STREET

North Approach

	Cars			Trucks			Total Veh.		Ped. Across		Total Veh.			Trucks			Total Veh.		Ped. Across		Total Veh.	
Time	**Left**	**Thru**	**Right**	**Left**	**Thru**	**Right**	**15'**	**1 Hour**	**Adult**	**Child**	**Left**	**Thru**	**Right**	**Left**	**Thru**	**Right**	**15'**	**1 Hour**	**Adult**	**Child**	**15'**	**1 Hour**
12:00 PM	1	12	2	0	0	0	15	95	3	0	0	10	2	0	0	0	12	106	0	0	27	201
12:15 PM	1	24	4	0	1	0	30	109	0	0	0	19	0	0	0	0	19	118	0	0	49	227
12:30 PM	4	21	0	0	0	0	25	111	1	0	4	39	4	0	1	0	48	123	0	0	73	234
12:45 PM	1	21	3	0	0	0	25	109	0	0	0	25	2	0	0	0	27	103	0	0	52	212
1:00 PM	1	22	6	0	0	0	29	108	0	0	2	19	2	0	1	0	24	88	0	0	53	196
1:15 PM	3	26	3	0	0	0	32	114	1	0	1	19	4	0	0	0	24	97	1	0	56	211
1:30 PM	2	15	4	0	2	0	23	103	1	0	2	23	3	0	0	0	28	88	0	0	51	191
1:45 PM	2	18	4	0	0	0	24	91	0	0	0	9	2	0	0	1	12	75	0	0	36	166
2:00 PM	4	31	0	0	0	0	35	76	1	0	3	27	3	0	0	0	33	73	0	0	68	149
2:15 PM	4	16	1	0	0	0	21	52	5	1	1	11	2	0	1	0	15	58	0	0	36	110
2:30 PM	3	7	1	0	0	0	11	37	0	0	1	14	0	0	0	0	15	56	0	0	26	93
2:45 PM	2	7	0	0	0	0	9	60	1	0	0	7	3	0	0	0	10	100	0	0	19	160
3:00 PM	1	10	0	0	0	0	11	101	6	9	0	18	0	0	0	0	18	147	0	13	29	248
3:15 PM	0	6	0	0	0	0	6	129	0	0	1	12	0	0	0	0	13	192	0	0	19	321
3:30 PM	4	26	3	0	0	1	34	156	1	0	3	47	7	0	1	1	59	247	1	4	93	403
3:45 PM	5	39	2	1	3	0	50	156	0	0	2	53	2	0	0	0	57	237	0	5	107	393
4:00 PM	3	33	3	0	0	0	39	151	0	0	5	54	4	0	0	0	63	246	0	1	102	397
4:15 PM	3	23	7	0	0	0	33	159	0	0	2	65	1	0	0	0	68	265	2	2	101	424
4:30 PM	5	25	4	0	0	0	34	173	0	1	0	42	6	0	1	0	49	289	0	2	83	462
4:45 PM	8	35	2	0	0	0	45	190	0	0	3	60	3	0	0	0	66	345	2	2	111	535
5:00 PM	7	36	3	0	1	0	47	169	0	0	2	75	4	0	1	0	82	332	2	2	129	501
5:15 PM	5	38	4	0	0	0	47	0	1	0	3	84	5	0	0	0	92	0	1	1	139	
5:30 PM	6	39	5	0	1	0	51	0	1	0	3	99	3	0	0	0	105	0	0	0	156	
5:45 PM	5	18	1	0	0	0	24	0	1	0	2	48	3	0	0	0	53	0	4	1	77	
S. Total	**80**	**548**	**62**	**1**	**8**	**1**			**23**	**11**	**40**	**879**	**65**	**0**	**6**	**2**			**13**	**33**		
			690			**10**	**700**			**34**			**984**			**8**	**992**			**46**	**1692**	

East Approach

	Cars			Trucks			Total Veh.		Ped. Across		Total Veh.			Trucks			Total Veh.		Ped. Across		Total Veh.	
Time	**Left**	**Thru**	**Right**	**Left**	**Thru**	**Right**	**15'**	**1 Hour**	**Adult**	**Child**	**Left**	**Thru**	**Right**	**Left**	**Thru**	**Right**	**15'**	**1 Hour**	**Adult**	**Child**	**15'**	**1 Hour**
12:00 PM	1	0	3	0	0	0	4	21	0	0	1	1	1	0	0	0	3	35	0	0	7	56
12:15 PM	1	5	1	0	0	0	7	23	0	0	1	2	3	0	2	0	8	40	0	0	15	63
12:30 PM	2	2	1	1	0	0	6	22	0	0	2	5	2	0	0	0	9	41	0	0	15	63
12:45 PM	0	2	2	0	0	0	4	19	0	0	3	8	4	0	0	0	15	36	0	0	19	55
1:00 PM	2	3	1	0	0	0	6	22	1	0	1	3	4	0	0	0	8	25	0	0	14	47
1:15 PM	0	4	2	0	0	0	6	24	1	0	2	6	1	0	0	0	9	25	0	0	15	49
1:30 PM	0	3	0	0	0	0	3	21	0	0	0	3	1	0	0	0	4	28	2	0	7	49
1:45 PM	3	4	0	0	0	0	7	19	0	0	2	2	0	0	0	0	4	29	2	0	11	48
2:00 PM	2	2	4	0	0	0	8	13	0	0	0	2	6	0	0	0	8	29	0	0	16	42
2:15 PM	1	2	0	0	0	0	3	17	0	0	4	2	5	0	1	0	12	23	0	0	15	40
2:30 PM	1	0	0	0	0	0	1	17	0	0	1	2	1	1	0	0	5	12	3	3	6	29

2:45 PM	0	1	0	0	0	0	1	37	0	0	0	2	2	0	0	0	4	15	9	2	5	52
3:00 PM	1	3	8	0	0	0	12	52	0	0	0	2	0	0	0	0	2	20	1	0	14	72
3:15 PM	0	1	1	1	0	0	3	49	1	0	0	1	0	0	0	0	1	37	0	0	4	86
3:30 PM	4	5	10	0	2	0	21	50	1	0	1	5	1	0	1	0	8	44	0	0	29	94
3:45 PM	3	7	5	1	0	0	16	43	1	0	2	4	3	0	0	0	9	46	1	3	25	89
4:00 PM	0	3	6	0	0	0	9	41	0	2	6	7	4	0	1	1	19	49	0	0	28	90
4:15 PM	2	2	0	0	0	0	4	45	0	0	2	5	1	0	0	0	8	40	1	0	12	85
4:30 PM	2	6	6	0	0	0	14	50	0	0	3	4	2	0	1	0	10	39	0	0	24	89
4:45 PM	4	5	5	0	0	0	14	49	1	0	2	6	4	0	0	0	12	37	2	0	26	86
5:00 PM	4	3	6	0	0	0	13	42	1	0	2	5	3	0	0	0	10	37	1	0	23	79
5:15 PM	2	4	3	0	0	0	9	0	1	0	1	4	2	0	0	0	7	0	1	0	16	
5:30 PM	4	5	4	0	0	0	13	0	0	0	2	3	3	0	0	0	8	0	1	0	21	
5:45 PM	0	5	2	0	0	0	7	0	1	0	1	8	3	0	0	0	12	0	0	0	19	
S. Total	**39**	**77**	**70**	**3**	**2**	**0**			**9**	**2**	**39**	**92**	**56**	**1**	**6**	**1**			**24**	**8**		
			186			**5**	**191**			**11**			**187**			**8**	**195**			**32**	**386**	

Los Angeles County Department of Public Works

Turning Movement Count

Access Date: 5/3/21 1:26 PM
Report ID: 48
Count Date: 2/20/2018 Tuesday
Counted By: Brian K Oliver
Int.: CALIFORNIA AVENUE at GIORDANO STREET
Conditions: Clear

North Approach:	CALIFORNIA AVENUE	**South Approach:**	CALIFORNIA AVENUE
East Approach:	GIORDANO STREET	**West Approach:**	GIORDANO STREET

Peak Time: 4:45 PM Intersection Peak Volume Total: 621

App	Veh	Vol		Left Turns		Through		Right Turns	
N	Car	188	99%	26	14%	148	79%	14	7%
	Trk	2	1%	0	0%	2	100%	0	0%
	Tot	190	100%	26	14%	150	79%	14	7%
S	Car	344	100%	11	3%	318	92%	15	4%
	Trk	1	0%	0	0%	1	100%	0	0%
	Tot	345	100%	11	3%	319	92%	15	4%
E	Car	49	100%	14	29%	17	35%	18	37%
	Trk	0	0%	0		0		0	
	Tot	49	100%	14	29%	17	35%	18	37%
W	Car	37	100%	7	19%	18	49%	12	32%
	Trk	0	0%	0		0		0	
	Tot	37	100%	7	19%	18	49%	12	32%

Six-Hour Average Hourly Volume Total: 341

App	Veh	Vol		Left Turns		Through		Right Turns	
N	Car	114	99%	13	11%	91	80%	10	9%
	Trk	1	1%	0	0%	1	100%	0	0%
	Tot	115	100%	13	11%	92	80%	10	9%
S	Car	160	99%	7	4%	142	89%	11	7%
	Trk	1	1%	0	0%	1	100%	0	0%
	Tot	161	100%	7	4%	143	89%	11	7%
E	Car	32	97%	7	22%	13	41%	12	38%
	Trk	1	3%	1	100%	0	0%	0	0%
	Tot	33	100%	8	24%	13	39%	12	36%
W	Car	31	97%	7	23%	15	48%	9	29%
	Trk	1	3%	0	0%	1	100%	0	0%
	Tot	32	100%	7	22%	16	50%	9	28%

Peak Time: 4:45 PM North Approach Total Intersection: 621

App	Veh	Vol		Left Turns		Through		Right Turns	
N	Car	188	99%	26	14%	148	79%	14	7%
	Trk	2	1%	0	0%	2	100%	0	0%
	Tot	190	100%	26	14%	150	79%	14	7%
S	Car	344	100%	11	3%	318	92%	15	4%
	Trk	1	0%	0	0%	1	100%	0	0%
	Tot	345	100%	11	3%	319	92%	15	4%
E	Car	49	100%	14	29%	17	35%	18	37%
	Trk	0	0%	0		0		0	
	Tot	49	100%	14	29%	17	35%	18	37%
W	Car	37	100%	7	19%	18	49%	12	32%
	Trk	0	0%	0		0		0	
	Tot	37	100%	7	19%	18	49%	12	32%

Peak Time: 3:00 PM East Approach Total Intersection: 320

App	Veh	Vol		Left Turns		Through		Right Turns	
N	Car	96	95%	10	10%	81	84%	5	5%
	Trk	5	5%	1	20%	3	60%	1	20%
	Tot	101	100%	11	11%	84	83%	6	6%
S	Car	145	99%	6	4%	130	90%	9	6%
	Trk	2	1%	0	0%	1	50%	1	50%
	Tot	147	100%	6	4%	131	89%	10	7%
E	Car	48	92%	8	17%	16	33%	24	50%
	Trk	4	8%	2	50%	2	50%	0	0%
	Tot	52	100%	10	19%	18	35%	24	46%
W	Car	19	95%	3	16%	12	63%	4	21%
	Trk	1	5%	0	0%	1	100%	0	0%
	Tot	20	100%	3	15%	13	65%	4	20%

Peak Time: 4:45 PM South Approach Total Intersection: 621

App	Veh	Vol		Left Turns		Through		Right Turns	
N	Car	188	99%	26	14%	148	79%	14	7%
	Trk	2	1%	0	0%	2	100%	0	0%
	Tot	190	100%	26	14%	150	79%	14	7%
S	Car	344	100%	11	3%	318	92%	15	4%
	Trk	1	0%	0	0%	1	100%	0	0%
	Tot	345	100%	11	3%	319	92%	15	4%

Peak Time: 4:00 PM West Approach Total Intersection: 487

App	Veh	Vol		Left Turns		Through		Right Turns	
N	Car	151	100%	19	13%	116	77%	16	11%
	Trk	0	0%	0		0		0	
	Tot	151	100%	19	13%	116	77%	16	11%
S	Car	245	100%	10	4%	221	90%	14	6%
	Trk	1	0%	0	0%	1	100%	0	0%
	Tot	246	100%	10	4%	222	90%	14	6%

E	Car	49	100%	14	29%	17	35%	18	37%
	Trk	0	0%	0		0		0	
	Tot	49	100%	14	29%	17	35%	18	37%
W	Car	37	100%	7	19%	18	49%	12	32%
	Trk	0	0%	0		0		0	
	Tot	37	100%	7	19%	18	49%	12	32%

E	Car	41	100%	8	20%	16	39%	17	41%
	Trk	0	0%	0		0		0	
	Tot	41	100%	8	20%	16	39%	17	41%
W	Car	46	94%	13	28%	22	48%	11	24%
	Trk	3	6%	0	0%	2	67%	1	33%
	Tot	49	100%	13	27%	24	49%	12	24%

Pedestrian Volumes 6-Hour Total

Ped	N	S	Tots N-S	E	W	Tots E-W	Total
Adult	23	13	36	9	24	33	69
Child	11	33	44	2	8	10	54

Left Turn Peak Quarter

App	Began	Tot Left
N	4:45 PM	8
S	4:00 PM	5
E	5:30 PM	4
W	4:00 PM	6

National Data & Surveying Services Intersection Turning Movement Count

Location: N California Ave & Amar Rd
City: La Puente
Control: Signalized

Project ID: 21-020151-001
Date: 5/22/2021

Data - Totals

NS/EW Streets:	N California Ave				N California Ave				Amar Rd				Amar Rd				
NOON	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	1	2	0	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
12:00 PM	8	24	17	0	13	15	11	0	9	175	7	0	8	170	11	0	468
12:15 PM	3	19	10	0	18	14	7	0	7	189	5	0	11	200	17	0	500
12:30 PM	3	19	11	0	8	15	7	0	12	190	4	0	10	205	13	0	497
12:45 PM	7	32	8	0	17	19	11	0	14	190	4	0	8	203	15	0	528
1:00 PM	4	20	4	0	15	23	8	0	12	184	3	0	8	202	13	0	496
1:15 PM	3	16	10	0	13	17	7	0	8	171	5	0	6	196	9	0	461
1:30 PM	8	30	4	0	6	17	9	0	9	174	9	0	8	186	14	0	474
1:45 PM	6	21	6	0	14	19	11	0	9	177	7	0	8	179	15	0	472
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	42	181	70	0	104	139	71	0	80	1450	44	0	67	1541	107	0	3896
APPROACH %'s :	14.33%	61.77%	23.89%	0.00%	33.12%	44.27%	22.61%	0.00%	5.08%	92.12%	2.80%	0.00%	3.91%	89.85%	6.24%	0.00%	
PEAK HR :	12:15 PM - 01:15 PM																TOTAL
PEAK HR VOL :	17	90	33	0	58	71	33	0	45	753	16	0	37	810	58	0	2021
PEAK HR FACTOR :	0.607	0.703	0.750	0.000	0.806	0.772	0.750	0.000	0.804	0.991	0.800	0.000	0.841	0.988	0.853	0.000	0.957
		0.745				0.862				0.978				0.992			

National Data & Surveying Services Intersection Turning Movement Count

Location: N California Ave & E Giordano St
City: La Puente
Control: 4-Way Stop

Project ID: 21-020151-002
Date: 5/22/2021

Data - Totals

NS/EW Streets:	N California Ave				N California Ave				E Giordano St				E Giordano St				
NOON	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
12:00 PM	4	32	2	0	4	17	4	0	6	0	5	0	2	1	6	0	83
12:15 PM	4	29	6	0	4	19	4	0	4	1	6	0	4	1	3	0	85
12:30 PM	2	20	4	0	3	25	5	0	3	3	2	0	5	1	4	0	77
12:45 PM	4	37	3	0	3	22	3	0	4	2	2	0	3	3	4	0	90
1:00 PM	5	22	2	0	7	28	3	0	3	2	4	0	2	0	4	0	82
1:15 PM	3	27	3	0	5	18	4	0	3	4	1	0	2	2	1	0	73
1:30 PM	3	32	4	0	5	20	1	0	2	2	5	0	1	1	4	0	80
1:45 PM	6	22	3	0	8	26	3	0	8	1	5	0	2	2	4	0	90
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	31	221	27	0	39	175	27	0	33	15	30	0	21	11	30	0	660
APPROACH %'s :	11.11%	79.21%	9.68%	0.00%	16.18%	72.61%	11.20%	0.00%	42.31%	19.23%	38.46%	0.00%	33.87%	17.74%	48.39%	0.00%	
PEAK HR :	12:00 PM - 01:00 PM																TOTAL
PEAK HR VOL :	14	118	15	0	14	83	16	0	17	6	15	0	14	6	17	0	335
PEAK HR FACTOR :	0.875	0.797	0.625	0.000	0.875	0.830	0.800	0.000	0.708	0.500	0.625	0.000	0.700	0.500	0.708	0.000	0.931
	0.835				0.856				0.864				0.925				

National Data & Surveying Services Intersection Turning Movement Count

Location: N Sunset Ave & E Temple Ave
City: La Puente
Control: Signalized

Project ID: 21-020151-003
Date: 5/22/2021

Data - Totals

NS/EW Streets:	N Sunset Ave				N Sunset Ave				E Temple Ave				E Temple Ave				
NOON	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	1	2	0	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
12:00 PM	25	118	19	0	11	130	27	0	36	113	36	0	17	87	16	0	635
12:15 PM	34	152	15	0	17	152	35	0	42	87	24	0	23	95	10	0	686
12:30 PM	31	162	22	0	20	114	33	0	35	102	26	0	19	87	21	0	672
12:45 PM	28	147	19	0	19	158	30	0	52	110	28	0	28	83	19	0	721
1:00 PM	24	180	22	0	17	128	32	0	39	86	18	0	21	83	19	0	669
1:15 PM	19	157	18	0	21	134	27	0	38	125	26	0	22	109	25	0	721
1:30 PM	20	145	21	0	20	141	36	1	51	87	13	0	22	77	19	0	653
1:45 PM	31	166	19	0	24	156	34	0	39	113	32	0	23	98	28	0	763
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	212	1227	155	0	149	1113	254	1	332	823	203	0	175	719	157	0	5520
APPROACH %'s :	13.30%	76.98%	9.72%	0.00%	9.82%	73.37%	16.74%	0.07%	24.45%	60.60%	14.95%	0.00%	16.65%	68.41%	14.94%	0.00%	
PEAK HR :	01:00 PM - 02:00 PM																TOTAL
PEAK HR VOL :	94	648	80	0	82	559	129	1	167	411	89	0	88	367	91	0	2806
PEAK HR FACTOR :	0.758	0.900	0.909	0.000	0.854	0.896	0.896	0.250	0.819	0.822	0.695	0.000	0.957	0.842	0.813	0.000	0.919
		0.909				0.901				0.882				0.875			

National Data & Surveying Services Intersection Turning Movement Count

Location: N California Ave & E Temple Ave
City: La Puente
Control: Signalized

Project ID: 21-020151-004
Date: 5/22/2021

Data - Totals

NS/EW Streets:	N California Ave				N California Ave				E Temple Ave				E Temple Ave				
NOON	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	1 NT	0 NR	0 NU	0 SL	1 ST	0 SR	0 SU	1 EL	2 ET	0 ER	0 EU	1 WL	2 WT	0 WR	0 WU	TOTAL
12:00 PM	6	16	3	0	10	10	9	0	12	122	3	0	4	95	3	0	293
12:15 PM	3	16	5	0	4	13	9	0	9	104	5	0	3	124	6	0	301
12:30 PM	6	27	5	0	4	16	11	0	8	122	4	0	2	114	4	0	323
12:45 PM	6	26	5	0	3	15	8	0	9	139	4	0	5	111	8	0	339
1:00 PM	9	12	5	0	5	23	6	0	7	116	2	0	6	114	4	0	309
1:15 PM	12	23	6	0	5	13	4	0	9	146	6	0	4	128	8	0	364
1:30 PM	7	24	3	0	7	15	7	0	9	121	10	0	6	110	7	0	326
1:45 PM	3	17	9	0	11	14	10	0	10	143	7	0	3	129	5	0	361
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	52	161	41	0	49	119	64	0	73	1013	41	0	33	925	45	0	2616
APPROACH %'s :	20.47%	63.39%	16.14%	0.00%	21.12%	51.29%	27.59%	0.00%	6.48%	89.88%	3.64%	0.00%	3.29%	92.22%	4.49%	0.00%	
PEAK HR :	01:00 PM - 02:00 PM																TOTAL
PEAK HR VOL :	31	76	23	0	28	65	27	0	35	526	25	0	19	481	24	0	1360
PEAK HR FACTOR :	0.646	0.792	0.639	0.000	0.636	0.707	0.675	0.000	0.875	0.901	0.625	0.000	0.792	0.932	0.750	0.000	0.934
	0.793				0.857				0.910				0.936				

APPENDIX C
Existing LOS Worksheets

SGV Aquatics Center

Vistro File: J:\...\SGV Puente Aqua TIS-v4_NEW.vistro
Report File: J:\...\Ex_AMv2.pdf

Scenario 1 EXAM
11/17/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	California Ave / Amar Rd	Signalized	HCM 6th Edition	SB Left	0.634	26.2	C
2	California Ave / Giordano St	All-way stop	HCM 6th Edition	NB Thru	0.135	7.8	A
3	Sunset Ave / Temple Ave	Signalized	HCM 6th Edition	SB Right	0.819	67.0	E
4	California Ave / Temple Ave	Signalized	HCM 6th Edition	SB Thru	0.439	33.4	C
5	Site Driveway Intersection	Two-way stop	HCM 6th Edition	WB Thru	0.011	0.0	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: California Ave / Amar Rd

Control Type:	Signalized	Delay (sec / veh):	26.2
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.634

Intersection Setup

Name	California			California			Amar			Amar		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	115.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Amar			Amar		
Base Volume Input [veh/h]	28	88	20	82	79	48	42	605	8	17	1321	45
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	28	88	20	82	79	48	42	605	8	17	1321	45
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	7	22	5	21	20	12	11	151	2	4	330	11
Total Analysis Volume [veh/h]	28	88	20	82	79	48	42	605	8	17	1321	45
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	77.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	8.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis
Signal Group	0	4	0	0	4	0	0	2	0	0	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	9	0	0	9	0	0	10	0	0	10	0
Maximum Green [s]	0	17	0	0	17	0	0	92	0	0	92	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	0.0	5.0	0.0	0.0	5.0	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0
Split [s]	0	22	0	0	22	0	0	98	0	0	98	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	4.5	0.0	0.0	4.5	0.0
Walk [s]	0	9	0	0	9	0	0	8	0	0	8	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	14	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.5	0.0	0.0	3.5	0.0
Minimum Recall		No			No			Yes			Yes	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	R	L	C	R
C, Cycle Length [s]	130	130	130	130	130	130	130	130
L, Total Lost Time per Cycle [s]	5.00	5.00	5.50	5.50	5.50	5.50	5.50	5.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00	0.00	0.00	2.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50
g_i, Effective Green Time [s]	17	17	91	91	91	91	91	91
g / C, Green / Cycle	0.13	0.13	0.70	0.70	0.70	0.70	0.70	0.70
(v / s)_i Volume / Saturation Flow Rate	0.09	0.18	0.11	0.19	0.01	0.02	0.41	0.03
s, saturation flow rate [veh/h]	1461	1143	374	3204	1431	733	3204	1431
c, Capacity [veh/h]	224	188	233	2243	1001	506	2243	1001
d1, Uniform Delay [s]	53.78	58.39	20.25	7.21	5.88	9.87	9.95	6.04
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	11.58	98.81	1.70	0.30	0.01	0.12	1.14	0.08
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.61	1.11	0.18	0.27	0.01	0.03	0.59	0.04
d, Delay for Lane Group [s/veh]	65.36	157.20	21.94	7.51	5.90	10.00	11.10	6.12
Lane Group LOS	E	F	C	A	A	A	B	A
Critical Lane Group	No	Yes	No	No	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	4.98	11.41	0.87	3.06	0.07	0.21	9.29	0.39
50th-Percentile Queue Length [ft/ln]	124.53	285.14	21.79	76.41	1.70	5.23	232.22	9.82
95th-Percentile Queue Length [veh/ln]	8.64	17.73	1.57	5.50	0.12	0.38	14.29	0.71
95th-Percentile Queue Length [ft/ln]	216.04	443.33	39.22	137.54	3.06	9.42	357.18	17.68

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	65.36	65.36	65.36	157.20	157.20	157.20	21.94	7.51	5.90	10.00	11.10	6.12
Movement LOS	E	E	E	F	F	F	C	A	A	A	B	A
d_A, Approach Delay [s/veh]	65.36			157.20			8.41			10.92		
Approach LOS	E			F			A			B		
d_I, Intersection Delay [s/veh]	26.17											
Intersection LOS	C											
Intersection V/C	0.634											

Other Modes

g_Walk,mi, Effective Walk Time [s]	12.0	12.0	13.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	53.55	53.55	52.65	52.65
l_p,int, Pedestrian LOS Score for Intersection	1.873	1.979	2.842	2.925
Crosswalk LOS	A	A	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	262	262	1400	1400
d_b, Bicycle Delay [s]	49.11	49.11	5.85	5.85
l_b,int, Bicycle LOS Score for Intersection	1.784	1.904	2.100	2.701
Bicycle LOS	A	A	B	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 2: California Ave / Giordano St

Control Type:	All-way stop	Delay (sec / veh):	7.8
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.135

Intersection Setup

Name	California			California			Giordano			Giordano		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Giordano			Giordano		
Base Volume Input [veh/h]	10	94	2	4	96	15	30	9	26	6	21	21
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	10	94	2	4	96	15	30	9	26	6	21	21
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	24	1	1	24	4	8	2	7	2	5	5
Total Analysis Volume [veh/h]	10	94	2	4	96	15	30	9	26	6	21	21
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	833	851	830	844
Degree of Utilization, x	0.13	0.14	0.08	0.06

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.44	0.47	0.25	0.18
95th-Percentile Queue Length [ft]	10.88	11.67	6.35	4.52
Approach Delay [s/veh]	7.95	7.89	7.70	7.52
Approach LOS	A	A	A	A
Intersection Delay [s/veh]	7.82			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 3: Sunset Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	67.0
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.819

Intersection Setup

Name	Sunset			Sunset			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right2	Left2	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	155.00	100.00	100.00	150.00	100.00	100.00	195.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sunset			Sunset			Temple			Temple		
Base Volume Input [veh/h]	120	591	57	93	1106	143	136	426	159	133	829	85
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	120	591	57	93	1106	143	136	426	159	133	829	85
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	30	148	14	23	277	36	34	107	40	33	207	21
Total Analysis Volume [veh/h]	120	591	57	93	1106	143	136	426	159	133	829	85
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	94.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	16.00

Phasing & Timing

Control Type	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	9	8	0	9	8	0	9	8	0	9	8	0
Maximum Green [s]	30	30	0	30	30	0	30	30	0	30	30	0
Amber [s]	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	16	80	0	16	80	0	24	80	0	24	80	0
Vehicle Extension [s]	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0
Walk [s]	0	9	0	0	8	0	0	10	0	0	10	0
Pedestrian Clearance [s]	0	19	0	0	18	0	0	22	0	0	24	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall	No	Yes		No	Yes		No	No		No	No	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	C	L	C	C
C, Cycle Length [s]	200	200	200	200	200	200	200	200	200	200	200	200
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	92	76	76	92	76	76	100	76	76	100	76	76
g / C, Green / Cycle	0.46	0.38	0.38	0.46	0.38	0.38	0.50	0.38	0.38	0.50	0.38	0.38
(v / s)_i Volume / Saturation Flow Rate	0.21	0.20	0.20	0.11	0.38	0.38	0.17	0.18	0.18	0.14	0.28	0.28
s, saturation flow rate [veh/h]	583	1683	1632	841	1683	1617	781	1683	1529	935	1683	1629
c, Capacity [veh/h]	168	640	620	333	640	614	313	640	581	416	640	619
d1, Uniform Delay [s]	53.10	47.77	47.79	33.58	61.75	61.96	34.74	46.97	47.03	29.60	53.09	53.10
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	22.54	2.94	3.04	2.08	34.01	36.09	4.35	2.55	2.83	2.02	7.06	7.29
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.71	0.51	0.51	0.28	0.99	1.00	0.43	0.48	0.48	0.32	0.73	0.73
d, Delay for Lane Group [s/veh]	75.64	50.71	50.83	35.66	95.76	98.05	39.10	49.52	49.87	31.62	60.15	60.39
Lane Group LOS	E	D	D	D	F	F	D	D	D	C	E	E
Critical Lane Group	Yes	No	No	No	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	4.57	13.42	13.05	2.87	38.25	37.38	4.08	12.24	11.25	3.84	21.50	20.85
50th-Percentile Queue Length [ft/ln]	114.29	335.47	326.18	71.74	956.28	934.47	101.94	305.92	281.17	96.09	537.50	521.25
95th-Percentile Queue Length [veh/ln]	8.08	19.43	18.97	5.17	48.39	47.41	7.34	17.97	16.75	6.92	29.10	28.34
95th-Percentile Queue Length [ft/ln]	201.96	485.66	474.28	129.14	1209.8	1185.1	183.49	449.34	418.67	172.97	727.61	708.47

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	75.64	50.76	50.83	35.66	96.74	98.05	39.10	49.62	49.87	31.62	60.26	60.39
Movement LOS	E	D	D	D	F	F	D	D	D	C	E	E
d_A, Approach Delay [s/veh]	54.66			92.64			47.69			56.63		
Approach LOS	D			F			D			E		
d_I, Intersection Delay [s/veh]	67.04											
Intersection LOS	E											
Intersection V/C	0.819											

Other Modes

g_Walk,mi, Effective Walk Time [s]	14.0	14.0	12.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	86.49	86.49	88.36	87.42
I_p,int, Pedestrian LOS Score for Intersection	2.832	2.831	2.757	2.705
Crosswalk LOS	C	C	C	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	760	760	760	760
d_b, Bicycle Delay [s]	38.44	38.44	38.44	38.44
I_b,int, Bicycle LOS Score for Intersection	2.193	2.667	2.154	2.423
Bicycle LOS	B	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 4: California Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	33.4
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.439

Intersection Setup

Name	California			California			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	120.00	100.00	100.00	130.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Temple			Temple		
Base Volume Input [veh/h]	22	71	12	34	62	39	26	554	26	15	991	15
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	22	71	12	34	62	39	26	554	26	15	991	15
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	6	18	3	9	16	10	7	139	7	4	248	4
Total Analysis Volume [veh/h]	22	71	12	34	62	39	26	554	26	15	991	15
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	77.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	0	4	0	0	4	0	1	6	0	5	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	8	0	0	8	0	4	13	0	5	14	0
Maximum Green [s]	0	0	0	0	0	0	0	0	0	0	0	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	3.0	4.5	0.0	3.0	4.5	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Split [s]	0	43	0	0	43	0	28	61	0	28	61	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	4.0	0.0	1.5	4.0	0.0
Walk [s]	0	12	0	0	12	0	0	11	0	0	11	0
Pedestrian Clearance [s]	0	18	0	0	18	0	0	13	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	2.5	0.0	1.5	2.5	0.0
Minimum Recall		No			No		No	Yes		No	Yes	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	132	132	132	132	132	132	132	132
L, Total Lost Time per Cycle [s]	5.00	5.00	4.50	4.50	4.50	4.50	4.50	4.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	0.00	2.50	2.50	0.00	2.50	2.50
g_i, Effective Green Time [s]	38	38	85	57	57	85	57	57
g / C, Green / Cycle	0.29	0.29	0.64	0.43	0.43	0.64	0.43	0.43
(v / s)_i Volume / Saturation Flow Rate	0.07	0.09	0.03	0.17	0.17	0.01	0.30	0.30
s, saturation flow rate [veh/h]	1551	1491	842	1683	1657	1013	1683	1674
c, Capacity [veh/h]	480	463	495	720	709	637	720	717
d1, Uniform Delay [s]	35.74	36.54	12.86	26.12	26.14	9.60	30.83	30.83
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	1.05	1.59	0.20	1.69	1.73	0.07	5.60	5.63
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.22	0.29	0.05	0.41	0.41	0.02	0.70	0.70
d, Delay for Lane Group [s/veh]	36.79	38.13	13.06	27.82	27.86	9.67	36.43	36.46
Lane Group LOS	D	D	B	C	C	A	D	D
Critical Lane Group	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	2.74	3.63	0.30	6.73	6.65	0.17	14.15	14.08
50th-Percentile Queue Length [ft/ln]	68.61	90.66	7.51	168.21	166.16	4.20	353.65	351.94
95th-Percentile Queue Length [veh/ln]	4.94	6.53	0.54	10.98	10.87	0.30	20.31	20.23
95th-Percentile Queue Length [ft/ln]	123.50	163.18	13.51	274.55	271.86	7.57	507.85	505.77

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	36.79	36.79	36.79	38.13	38.13	38.13	13.06	27.84	27.86	9.67	36.45	36.46
Movement LOS	D	D	D	D	D	D	B	C	C	A	D	D
d_A, Approach Delay [s/veh]	36.79			38.13			27.20			36.05		
Approach LOS	D			D			C			D		
d_I, Intersection Delay [s/veh]	33.37											
Intersection LOS	C											
Intersection V/C	0.439											

Other Modes

g_Walk,mi, Effective Walk Time [s]	15.0	15.0	16.0	16.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	51.85	51.85	50.97	50.97
I_p,int, Pedestrian LOS Score for Intersection	1.841	1.867	2.669	2.679
Crosswalk LOS	A	A	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	576	576	856	856
d_b, Bicycle Delay [s]	33.47	33.47	21.59	21.59
I_b,int, Bicycle LOS Score for Intersection	1.733	1.782	2.060	2.402
Bicycle LOS	A	A	B	B

Sequence

Ring 1	1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Site Driveway Intersection

Control Type:	Two-way stop	Delay (sec / veh):	0.0
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.011

Intersection Setup

Name	Site Driveway		Temple		Temple	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Site Driveway		Temple		Temple	
Base Volume Input [veh/h]	0	0	0	576	1052	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	0	0	576	1052	0
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	0	0	144	263	0
Total Analysis Volume [veh/h]	0	0	0	576	1052	0
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

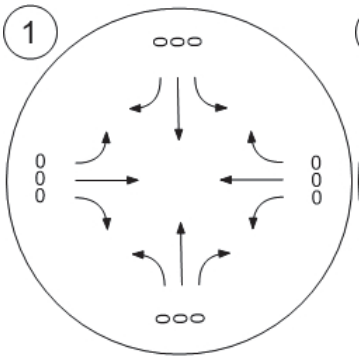
Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.01	0.01	0.00
d_M, Delay for Movement [s/veh]	30.03	12.25	10.48	0.00	0.00	0.00
Movement LOS	D	B	B	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	21.14		0.00		0.00	
Approach LOS	C		A		A	
d_I, Intersection Delay [s/veh]	0.00					
Intersection LOS	A					

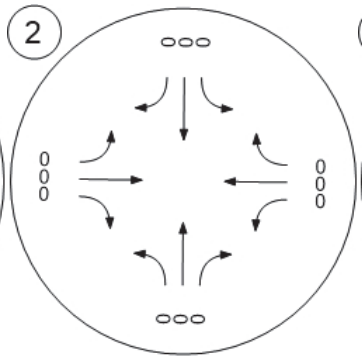
Report Figure 7209074d: Traffic Volume - Net New Site Trips



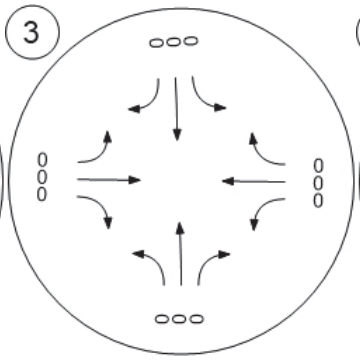
California Ave / Amar Rd



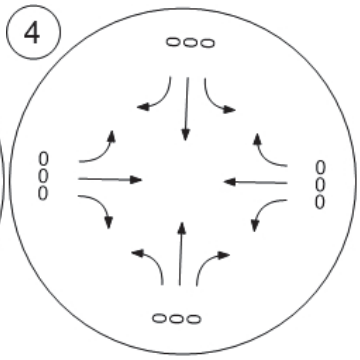
California Ave / Giordano St



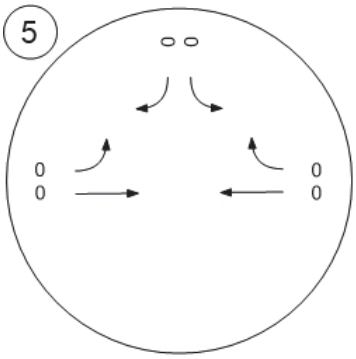
Sunset Ave / Temple Ave



California Ave / Temple Ave



Site Driveway Intersection



SGV Aquatics Center

Vistro File: J:\...\SGV Puente Aqua TIS-v4_NEW.vistro
Report File: J:\...\Ex_PMv2.pdf

Scenario 2 EXPM
11/17/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	California Ave / Amar Rd	Signalized	HCM 6th Edition	NB Thru	0.668	53.3	D
2	California Ave / Giordano St	All-way stop	HCM 6th Edition	SB Thru	0.431	9.8	A
3	Sunset Ave / Temple Ave	Signalized	HCM 6th Edition	NB Right	0.890	92.3	F
4	California Ave / Temple Ave	Signalized	HCM 6th Edition	NB Thru	0.573	36.3	D
5	Site Driveway Intersection	Two-way stop	HCM 6th Edition	EB Thru	0.011	0.0	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: California Ave / Amar Rd

Control Type:	Signalized	Delay (sec / veh):	53.3
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.668

Intersection Setup

Name	California			California			Amar			Amar		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	115.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Amar			Amar		
Base Volume Input [veh/h]	42	200	59	66	105	69	52	1298	36	27	978	86
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	42	200	59	66	105	69	52	1298	36	27	978	86
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	11	50	15	17	26	17	13	325	9	7	245	22
Total Analysis Volume [veh/h]	42	200	59	66	105	69	52	1298	36	27	978	86
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	85.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	8.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis
Signal Group	0	4	0	0	4	0	0	2	0	0	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	9	0	0	9	0	0	10	0	0	10	0
Maximum Green [s]	0	17	0	0	17	0	0	92	0	0	92	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	0.0	5.0	0.0	0.0	5.0	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0
Split [s]	0	22	0	0	22	0	0	98	0	0	98	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	4.5	0.0	0.0	4.5	0.0
Walk [s]	0	9	0	0	9	0	0	8	0	0	8	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	14	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.5	0.0	0.0	3.5	0.0
Minimum Recall		No			No			Yes			Yes	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	R	L	C	R
C, Cycle Length [s]	130	130	130	130	130	130	130	130
L, Total Lost Time per Cycle [s]	5.00	5.00	5.50	5.50	5.50	5.50	5.50	5.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00	0.00	0.00	2.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50
g_i, Effective Green Time [s]	17	17	91	91	91	91	91	91
g / C, Green / Cycle	0.13	0.13	0.70	0.70	0.70	0.70	0.70	0.70
(v / s)_i Volume / Saturation Flow Rate	0.21	0.22	0.10	0.41	0.03	0.07	0.31	0.06
s, saturation flow rate [veh/h]	1436	1084	518	3204	1431	382	3204	1431
c, Capacity [veh/h]	219	177	341	2243	1001	239	2243	1001
d1, Uniform Delay [s]	57.52	57.84	14.45	9.83	6.00	18.89	8.42	6.22
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	193.87	192.34	0.94	1.10	0.07	0.96	0.62	0.17
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	1.37	1.36	0.15	0.58	0.04	0.11	0.44	0.09
d, Delay for Lane Group [s/veh]	251.39	250.18	15.39	10.93	6.07	19.84	9.04	6.39
Lane Group LOS	F	F	B	B	A	B	A	A
Critical Lane Group	No	Yes	No	Yes	No	No	No	No
50th-Percentile Queue Length [veh/ln]	19.09	15.34	0.86	9.01	0.31	0.52	5.79	0.77
50th-Percentile Queue Length [ft/ln]	477.36	383.50	21.41	225.32	7.80	13.12	144.69	19.36
95th-Percentile Queue Length [veh/ln]	29.72	24.46	1.54	13.94	0.56	0.94	9.73	1.39
95th-Percentile Queue Length [ft/ln]	743.12	611.49	38.54	348.41	14.05	23.62	243.32	34.84

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	251.39	251.39	251.39	250.18	250.18	250.18	15.39	10.93	6.07	19.84	9.04	6.39
Movement LOS	F	F	F	F	F	F	B	B	A	B	A	A
d_A, Approach Delay [s/veh]	251.39			250.18			10.97			9.10		
Approach LOS	F			F			B			A		
d_I, Intersection Delay [s/veh]	53.29											
Intersection LOS	D											
Intersection V/C	0.668											

Other Modes

g_Walk,mi, Effective Walk Time [s]	12.0	12.0	13.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	53.55	53.55	52.65	52.65
l_p,int, Pedestrian LOS Score for Intersection	1.999	2.088	2.931	2.972
Crosswalk LOS	A	B	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	262	262	1400	1400
d_b, Bicycle Delay [s]	49.11	49.11	5.85	5.85
l_b,int, Bicycle LOS Score for Intersection	2.056	1.956	2.703	2.460
Bicycle LOS	B	A	B	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 2: California Ave / Giordano St

Control Type:	All-way stop	Delay (sec / veh):	9.8
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.431

Intersection Setup

Name	California			California			Giordano			Giordano		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Giordano			Giordano		
Base Volume Input [veh/h]	27	155	14	11	329	15	14	18	19	7	19	12
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	27	155	14	11	329	15	14	18	19	7	19	12
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	7	39	4	3	82	4	4	5	5	2	5	3
Total Analysis Volume [veh/h]	27	155	14	11	329	15	14	18	19	7	19	12
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	793	824	710	706
Degree of Utilization, x	0.25	0.43	0.07	0.05

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.97	2.19	0.23	0.17
95th-Percentile Queue Length [ft]	24.28	54.76	5.78	4.26
Approach Delay [s/veh]	9.02	10.64	8.46	8.39
Approach LOS	A	B	A	A
Intersection Delay [s/veh]	9.84			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 3: Sunset Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	92.3
Analysis Method:	HCM 6th Edition	Level Of Service:	F
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.890

Intersection Setup

Name	Sunset			Sunset			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right2	Left2	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	155.00	100.00	100.00	150.00	100.00	100.00	195.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sunset			Sunset			Temple			Temple		
Base Volume Input [veh/h]	211	1267	211	104	794	160	207	825	133	83	466	107
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	211	1267	211	104	794	160	207	825	133	83	466	107
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	53	317	53	26	199	40	52	206	33	21	117	27
Total Analysis Volume [veh/h]	211	1267	211	104	794	160	207	825	133	83	466	107
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	94.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	16.00

Phasing & Timing

Control Type	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	9	8	0	9	8	0	9	8	0	9	8	0
Maximum Green [s]	30	30	0	30	30	0	30	30	0	30	30	0
Amber [s]	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	16	80	0	16	80	0	24	80	0	24	80	0
Vehicle Extension [s]	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0
Walk [s]	0	9	0	0	8	0	0	10	0	0	10	0
Pedestrian Clearance [s]	0	19	0	0	18	0	0	22	0	0	24	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall	No	Yes		No	Yes		No	No		No	No	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	C	L	C	C
C, Cycle Length [s]	200	200	200	200	200	200	200	200	200	200	200	200
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	92	76	76	92	76	76	100	76	76	100	76	76
g / C, Green / Cycle	0.46	0.38	0.38	0.46	0.38	0.38	0.50	0.38	0.38	0.50	0.38	0.38
(v / s)_i Volume / Saturation Flow Rate	0.30	0.44	0.46	0.20	0.29	0.29	0.22	0.29	0.29	0.11	0.18	0.18
s, saturation flow rate [veh/h]	693	1683	1601	517	1683	1586	942	1683	1603	764	1683	1576
c, Capacity [veh/h]	235	640	609	167	640	603	423	640	609	299	640	599
d1, Uniform Delay [s]	50.27	62.00	62.00	47.86	54.27	54.28	31.14	54.24	54.28	34.11	46.61	46.68
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	36.92	92.07	105.35	16.10	8.60	9.10	4.02	8.55	9.01	2.29	2.39	2.58
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.90	1.17	1.20	0.62	0.77	0.77	0.49	0.77	0.77	0.28	0.46	0.46
d, Delay for Lane Group [s/veh]	87.18	154.07	167.35	63.96	62.87	63.38	35.16	62.79	63.29	36.41	48.99	49.25
Lane Group LOS	F	F	F	E	E	E	D	E	E	D	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	No	No	Yes	Yes	No	No
50th-Percentile Queue Length [veh/ln]	9.00	48.91	48.78	3.76	23.41	22.16	6.39	23.35	22.37	2.37	11.71	11.08
50th-Percentile Queue Length [ft/ln]	225.07	1222.7	1219.5	94.12	585.18	553.96	159.72	583.82	559.23	59.24	292.75	277.11
95th-Percentile Queue Length [veh/ln]	13.92	67.26	68.15	6.78	31.34	29.88	10.53	31.28	30.13	4.27	17.32	16.54
95th-Percentile Queue Length [ft/ln]	348.08	1681.5	1703.6	169.41	783.54	746.95	263.36	781.95	753.15	106.63	433.05	413.62

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	87.18	159.52	167.35	63.96	63.07	63.38	35.16	62.99	63.29	36.41	49.09	49.25
Movement LOS	F	F	F	E	E	E	D	E	E	D	D	D
d_A, Approach Delay [s/veh]	151.46			63.20			58.08			47.51		
Approach LOS	F			E			E			D		
d_I, Intersection Delay [s/veh]	92.28											
Intersection LOS	F											
Intersection V/C	0.890											

Other Modes

g_Walk,mi, Effective Walk Time [s]	14.0	14.0	12.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	86.49	86.49	88.36	87.42
I_p,int, Pedestrian LOS Score for Intersection	2.908	2.965	2.845	2.744
Crosswalk LOS	C	C	C	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	760	760	760	760
d_b, Bicycle Delay [s]	38.44	38.44	38.44	38.44
I_b,int, Bicycle LOS Score for Intersection	2.953	2.432	2.521	2.101
Bicycle LOS	C	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 4: California Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	36.3
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.573

Intersection Setup

Name	California			California			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	120.00	100.00	100.00	130.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Temple			Temple		
Base Volume Input [veh/h]	35	197	55	29	112	25	53	1062	30	34	587	34
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	35	197	55	29	112	25	53	1062	30	34	587	34
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	9	49	14	7	28	6	13	266	8	9	147	9
Total Analysis Volume [veh/h]	35	197	55	29	112	25	53	1062	30	34	587	34
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	85.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	0	4	0	0	4	0	1	6	0	5	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	8	0	0	8	0	4	13	0	5	14	0
Maximum Green [s]	0	0	0	0	0	0	0	0	0	0	0	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	3.0	4.5	0.0	3.0	4.5	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Split [s]	0	43	0	0	43	0	28	61	0	28	61	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	4.0	0.0	1.5	4.0	0.0
Walk [s]	0	12	0	0	12	0	0	11	0	0	11	0
Pedestrian Clearance [s]	0	18	0	0	18	0	0	13	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	2.5	0.0	1.5	2.5	0.0
Minimum Recall		No			No		No	Yes		No	Yes	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	132	132	132	132	132	132	132	132
L, Total Lost Time per Cycle [s]	5.00	5.00	4.50	4.50	4.50	4.50	4.50	4.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	0.00	2.50	2.50	0.00	2.50	2.50
g_i, Effective Green Time [s]	38	38	85	57	57	85	57	57
g / C, Green / Cycle	0.29	0.29	0.64	0.43	0.43	0.64	0.43	0.43
(v / s)_i Volume / Saturation Flow Rate	0.18	0.12	0.05	0.33	0.33	0.04	0.19	0.19
s, saturation flow rate [veh/h]	1571	1426	993	1683	1667	815	1683	1651
c, Capacity [veh/h]	483	443	620	720	713	472	720	707
d1, Uniform Delay [s]	40.68	37.27	10.06	32.03	32.04	14.18	26.53	26.54
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	5.31	2.42	0.27	7.46	7.54	0.30	1.91	1.95
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.59	0.38	0.09	0.76	0.76	0.07	0.43	0.44
d, Delay for Lane Group [s/veh]	45.99	39.69	10.33	39.49	39.57	14.48	28.44	28.49
Lane Group LOS	D	D	B	D	D	B	C	C
Critical Lane Group	Yes	No	No	No	Yes	Yes	No	No
50th-Percentile Queue Length [veh/ln]	8.83	4.59	0.61	16.21	16.08	0.40	7.34	7.23
50th-Percentile Queue Length [ft/ln]	220.72	114.79	15.30	405.33	401.97	9.92	183.54	180.68
95th-Percentile Queue Length [veh/ln]	13.70	8.11	1.10	22.82	22.65	0.71	11.79	11.64
95th-Percentile Queue Length [ft/ln]	342.54	202.64	27.53	570.42	566.37	17.86	294.63	290.90

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	45.99	45.99	45.99	39.69	39.69	39.69	10.33	39.53	39.57	14.48	28.46	28.49
Movement LOS	D	D	D	D	D	D	B	D	D	B	C	C
d_A, Approach Delay [s/veh]	45.99			39.69			38.18			27.74		
Approach LOS	D			D			D			C		
d_I, Intersection Delay [s/veh]	36.25											
Intersection LOS	D											
Intersection V/C	0.573											

Other Modes

g_Walk,mi, Effective Walk Time [s]	15.0	15.0	16.0	16.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	51.85	51.85	50.97	50.97
I_p,int, Pedestrian LOS Score for Intersection	1.978	1.983	2.714	2.707
Crosswalk LOS	A	A	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	576	576	856	856
d_b, Bicycle Delay [s]	33.47	33.47	21.59	21.59
I_b,int, Bicycle LOS Score for Intersection	2.033	1.834	2.504	2.100
Bicycle LOS	B	A	B	B

Sequence

Ring 1	1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Site Driveway Intersection

Control Type:	Two-way stop	Delay (sec / veh):	0.0
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.011

Intersection Setup

Name	Site Driveway		Temple		Temple	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Site Driveway		Temple		Temple	
Base Volume Input [veh/h]	0	0	0	1140	647	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	0	0	1140	647	0
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	0	0	285	162	0
Total Analysis Volume [veh/h]	0	0	0	1140	647	0
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.01	0.01	0.00
d_M, Delay for Movement [s/veh]	25.78	10.36	8.85	0.00	0.00	0.00
Movement LOS	D	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	18.07		0.00		0.00	
Approach LOS	C		A		A	
d_I, Intersection Delay [s/veh]	0.00					
Intersection LOS	A					

SGV Aquatics Center

Vistro File: J:\...\SGV Puente Aqua TIS-v4_NEW.vistro
Report File: J:\...\EXSatMDv2.pdf

Scenario 3 EXSatMD
11/17/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	California Ave / Amar Rd	Signalized	HCM 6th Edition	SB Thru	0.649	38.2	D
2	California Ave / Giordano St	All-way stop	HCM 6th Edition	NB Thru	0.251	8.5	A
3	Sunset Ave / Temple Ave	Signalized	HCM 6th Edition	NB Right	0.706	58.0	E
4	California Ave / Temple Ave	Signalized	HCM 6th Edition	NB Thru	0.406	31.6	C
5	Site Driveway Intersection	Two-way stop	HCM 6th Edition		0.000	0.0	

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: California Ave / Amar Rd

Control Type:	Signalized	Delay (sec / veh):	38.2
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.649

Intersection Setup

Name	California			California			Amar			Amar		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	115.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Amar			Amar		
Base Volume Input [veh/h]	24	128	47	82	101	47	64	1071	23	53	1152	82
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	24	128	47	82	101	47	64	1071	23	53	1152	82
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	6	32	12	21	25	12	16	268	6	13	288	21
Total Analysis Volume [veh/h]	24	128	47	82	101	47	64	1071	23	53	1152	82
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	7.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	8.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis
Signal Group	0	4	0	0	4	0	0	2	0	0	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	9	0	0	9	0	0	10	0	0	10	0
Maximum Green [s]	0	17	0	0	17	0	0	92	0	0	92	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	0.0	5.0	0.0	0.0	5.0	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0
Split [s]	0	22	0	0	22	0	0	98	0	0	98	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	4.5	0.0	0.0	4.5	0.0
Walk [s]	0	9	0	0	9	0	0	8	0	0	8	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	14	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.5	0.0	0.0	3.5	0.0
Minimum Recall		No			No			Yes			Yes	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	R	L	C	R
C, Cycle Length [s]	130	130	130	130	130	130	130	130
L, Total Lost Time per Cycle [s]	5.00	5.00	5.50	5.50	5.50	5.50	5.50	5.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00	0.00	0.00	2.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50
g_i, Effective Green Time [s]	17	17	91	91	91	91	91	91
g / C, Green / Cycle	0.13	0.13	0.70	0.70	0.70	0.70	0.70	0.70
(v / s)_i Volume / Saturation Flow Rate	0.13	0.25	0.15	0.33	0.02	0.11	0.36	0.06
s, saturation flow rate [veh/h]	1530	923	439	3204	1431	474	3204	1431
c, Capacity [veh/h]	231	158	282	2243	1001	309	2243	1001
d1, Uniform Delay [s]	56.29	58.20	17.81	8.79	5.95	15.89	9.13	6.21
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	31.96	235.62	1.86	0.73	0.04	1.21	0.84	0.16
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.86	1.45	0.23	0.48	0.02	0.17	0.51	0.08
d, Delay for Lane Group [s/veh]	88.25	293.82	19.67	9.52	5.99	17.10	9.98	6.37
Lane Group LOS	F	F	B	A	A	B	A	A
Critical Lane Group	No	Yes	No	No	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	8.57	15.62	1.24	6.62	0.20	0.94	7.41	0.74
50th-Percentile Queue Length [ft/ln]	214.22	390.38	30.97	165.54	4.94	23.38	185.29	18.40
95th-Percentile Queue Length [veh/ln]	13.37	25.31	2.23	10.84	0.36	1.68	11.88	1.32
95th-Percentile Queue Length [ft/ln]	334.24	632.76	55.74	271.04	8.89	42.09	296.91	33.12

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	88.25	88.25	88.25	293.82	293.82	293.82	19.67	9.52	5.99	17.10	9.98	6.37
Movement LOS	F	F	F	F	F	F	B	A	A	B	A	A
d_A, Approach Delay [s/veh]	88.25			293.82			10.01			10.04		
Approach LOS	F			F			B			B		
d_I, Intersection Delay [s/veh]	38.15											
Intersection LOS	D											
Intersection V/C	0.649											

Other Modes

g_Walk,mi, Effective Walk Time [s]	12.0	12.0	13.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	53.55	53.55	52.65	52.65
l_p,int, Pedestrian LOS Score for Intersection	1.990	2.069	2.890	2.990
Crosswalk LOS	A	B	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	262	262	1400	1400
d_b, Bicycle Delay [s]	49.11	49.11	5.85	5.85
l_b,int, Bicycle LOS Score for Intersection	1.888	1.939	2.515	2.621
Bicycle LOS	A	A	B	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 2: California Ave / Giordano St

Control Type:	All-way stop	Delay (sec / veh):	8.5
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.251

Intersection Setup

Name	California			California			Giordano			Giordano		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Giordano			Giordano		
Base Volume Input [veh/h]	20	168	21	20	118	23	24	9	21	20	9	24
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	20	168	21	20	118	23	24	9	21	20	9	24
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	5	42	5	5	30	6	6	2	5	5	2	6
Total Analysis Volume [veh/h]	20	168	21	20	118	23	24	9	21	20	9	24
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	832	826	767	776
Degree of Utilization, x	0.25	0.19	0.07	0.07

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.99	0.72	0.23	0.22
95th-Percentile Queue Length [ft]	24.87	18.01	5.66	5.49
Approach Delay [s/veh]	8.78	8.41	8.05	7.98
Approach LOS	A	A	A	A
Intersection Delay [s/veh]	8.48			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 3: Sunset Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	58.0
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.706

Intersection Setup

Name	Sunset			Sunset			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right2	Left2	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	155.00	100.00	100.00	150.00	100.00	100.00	195.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sunset			Sunset			Temple			Temple		
Base Volume Input [veh/h]	134	922	114	118	795	183	238	585	127	125	522	129
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	134	922	114	118	795	183	238	585	127	125	522	129
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	34	231	29	30	199	46	60	146	32	31	131	32
Total Analysis Volume [veh/h]	134	922	114	118	795	183	238	585	127	125	522	129
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	95.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	16.00

Phasing & Timing

Control Type	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	9	8	0	9	8	0	9	8	0	9	8	0
Maximum Green [s]	30	30	0	30	30	0	30	30	0	30	30	0
Amber [s]	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	16	80	0	16	80	0	24	80	0	24	80	0
Vehicle Extension [s]	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0
Walk [s]	0	9	0	0	8	0	0	10	0	0	10	0
Pedestrian Clearance [s]	0	19	0	0	18	0	0	22	0	0	24	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall	No	Yes		No	Yes		No	No		No	No	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	C	L	C	C
C, Cycle Length [s]	200	200	200	200	200	200	200	200	200	200	200	200
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	92	76	76	92	76	76	100	76	76	100	76	76
g / C, Green / Cycle	0.46	0.38	0.38	0.46	0.38	0.38	0.50	0.38	0.38	0.50	0.38	0.38
(v / s)_i Volume / Saturation Flow Rate	0.20	0.31	0.31	0.18	0.30	0.30	0.26	0.22	0.22	0.14	0.20	0.20
s, saturation flow rate [veh/h]	683	1683	1619	659	1683	1575	901	1683	1580	870	1683	1569
c, Capacity [veh/h]	228	640	615	216	640	599	393	640	601	372	640	596
d1, Uniform Delay [s]	41.38	56.00	56.04	42.09	54.91	54.94	33.01	49.17	49.17	30.80	48.04	48.08
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	10.59	11.57	12.06	9.55	9.58	10.22	6.76	3.72	3.96	2.42	3.08	3.32
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.59	0.83	0.83	0.55	0.79	0.79	0.61	0.57	0.57	0.34	0.53	0.53
d, Delay for Lane Group [s/veh]	51.97	67.57	68.10	51.64	64.50	65.16	39.78	52.89	53.13	33.23	51.12	51.39
Lane Group LOS	D	E	E	D	E	E	D	D	D	C	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	4.64	26.31	25.45	4.03	24.47	23.04	7.70	15.48	14.58	3.63	13.82	12.97
50th-Percentile Queue Length [ft/ln]	115.92	657.84	636.22	100.69	611.65	576.00	192.41	387.11	364.49	90.64	345.42	324.17
95th-Percentile Queue Length [veh/ln]	8.17	34.73	33.72	7.25	32.58	30.91	12.25	21.94	20.84	6.53	19.91	18.87
95th-Percentile Queue Length [ft/ln]	204.21	868.16	843.05	181.24	814.45	772.80	306.16	548.45	521.04	163.15	497.83	471.81

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	51.97	67.79	68.10	51.64	64.74	65.16	39.78	52.98	53.13	33.23	51.22	51.39
Movement LOS	D	E	E	D	E	E	D	D	D	C	D	D
d_A, Approach Delay [s/veh]	66.01			63.40			49.69			48.35		
Approach LOS	E			E			D			D		
d_I, Intersection Delay [s/veh]	57.98											
Intersection LOS	E											
Intersection V/C	0.706											

Other Modes

g_Walk,mi, Effective Walk Time [s]	14.0	14.0	12.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	86.49	86.49	88.36	87.42
I_p,int, Pedestrian LOS Score for Intersection	2.838	2.933	2.760	2.713
Crosswalk LOS	C	C	C	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	760	760	760	760
d_b, Bicycle Delay [s]	38.44	38.44	38.44	38.44
I_b,int, Bicycle LOS Score for Intersection	2.525	2.464	2.343	2.200
Bicycle LOS	B	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 4: California Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	31.6
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.406

Intersection Setup

Name	California			California			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	120.00	100.00	100.00	130.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Temple			Temple		
Base Volume Input [veh/h]	44	108	33	40	92	38	50	748	36	27	684	34
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	44	108	33	40	92	38	50	748	36	27	684	34
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	11	27	8	10	23	10	13	187	9	7	171	9
Total Analysis Volume [veh/h]	44	108	33	40	92	38	50	748	36	27	684	34
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	7.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	0	4	0	0	4	0	1	6	0	5	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	8	0	0	8	0	4	13	0	5	14	0
Maximum Green [s]	0	0	0	0	0	0	0	0	0	0	0	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	3.0	4.5	0.0	3.0	4.5	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Split [s]	0	43	0	0	43	0	28	61	0	28	61	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	4.0	0.0	1.5	4.0	0.0
Walk [s]	0	12	0	0	12	0	0	11	0	0	11	0
Pedestrian Clearance [s]	0	18	0	0	18	0	0	13	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	2.5	0.0	1.5	2.5	0.0
Minimum Recall		No			No		No	Yes		No	Yes	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	132	132	132	132	132	132	132	132
L, Total Lost Time per Cycle [s]	5.00	5.00	4.50	4.50	4.50	4.50	4.50	4.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	0.00	2.50	2.50	0.00	2.50	2.50
g_i, Effective Green Time [s]	38	38	85	57	57	85	57	57
g / C, Green / Cycle	0.29	0.29	0.64	0.43	0.43	0.64	0.43	0.43
(v / s)_i Volume / Saturation Flow Rate	0.12	0.12	0.05	0.23	0.23	0.03	0.21	0.22
s, saturation flow rate [veh/h]	1482	1461	950	1683	1656	923	1683	1655
c, Capacity [veh/h]	460	454	584	720	709	561	720	708
d1, Uniform Delay [s]	37.93	37.54	10.58	28.22	28.22	10.82	27.51	27.51
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	2.60	2.35	0.29	2.99	3.04	0.16	2.49	2.54
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.40	0.37	0.09	0.55	0.55	0.05	0.50	0.50
d, Delay for Lane Group [s/veh]	40.53	39.89	10.87	31.21	31.26	10.98	30.00	30.05
Lane Group LOS	D	D	B	C	C	B	C	C
Critical Lane Group	Yes	No	No	No	Yes	Yes	No	No
50th-Percentile Queue Length [veh/ln]	5.22	4.74	0.58	9.94	9.79	0.31	8.84	8.71
50th-Percentile Queue Length [ft/ln]	130.54	118.57	14.47	248.45	244.80	7.71	220.91	217.72
95th-Percentile Queue Length [veh/ln]	8.97	8.31	1.04	15.11	14.92	0.56	13.71	13.55
95th-Percentile Queue Length [ft/ln]	224.23	207.87	26.05	377.70	373.10	13.88	342.79	338.71

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	40.53	40.53	40.53	39.89	39.89	39.89	10.87	31.23	31.26	10.98	30.02	30.05
Movement LOS	D	D	D	D	D	D	B	C	C	B	C	C
d_A, Approach Delay [s/veh]	40.53			39.89			30.01			29.34		
Approach LOS	D			D			C			C		
d_I, Intersection Delay [s/veh]	31.63											
Intersection LOS	C											
Intersection V/C	0.406											

Other Modes

g_Walk,mi, Effective Walk Time [s]	15.0	15.0	16.0	16.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	51.85	51.85	50.97	50.97
I_p,int, Pedestrian LOS Score for Intersection	1.913	1.938	2.689	2.677
Crosswalk LOS	A	A	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	576	576	856	856
d_b, Bicycle Delay [s]	33.47	33.47	21.59	21.59
I_b,int, Bicycle LOS Score for Intersection	1.865	1.840	2.248	2.174
Bicycle LOS	A	A	B	B

Sequence

Ring 1	1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Site Driveway Intersection

Control Type:	Two-way stop	Delay (sec / veh):	0.0
Analysis Method:	HCM 6th Edition	Level Of Service:	
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.000

Intersection Setup

Name	Site Driveway		Temple		Temple	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Site Driveway		Temple		Temple	
Base Volume Input [veh/h]	0	0	0	0	0	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	0	0	0	0	0
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	0	0	0	0	0
Total Analysis Volume [veh/h]	0	0	0	0	0	0
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.52	8.32	7.22	0.00	0.00	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	8.42		3.61		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	4.01					
Intersection LOS						

APPENDIX D
Existing with-Project LOS Worksheets

SGV Aquatics Center

Vistro File: J:\...\SGV Puente Aqua TIS-v4_NEW.vistro
Report File: J:\...\EXSatMD_W_PROJv2.pdf

Scenario 10 EXSatMD_W_PROJ
11/17/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	California Ave / Amar Rd	Signalized	HCM 6th Edition	SB Thru	0.649	38.7	D
2	California Ave / Giordano St	All-way stop	HCM 6th Edition	NB Thru	0.255	8.5	A
3	Sunset Ave / Temple Ave	Signalized	HCM 6th Edition	NB Right	0.710	58.1	E
4	California Ave / Temple Ave	Signalized	HCM 6th Edition	NB Thru	0.412	31.7	C
5	Site Driveway Intersection	Two-way stop	HCM 6th Edition	SB Left	0.008	8.7	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: California Ave / Amar Rd

Control Type:	Signalized	Delay (sec / veh):	38.7
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.649

Intersection Setup

Name	California			California			Amar			Amar		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	115.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Amar			Amar		
Base Volume Input [veh/h]	24	128	47	82	101	47	64	1071	23	53	1152	82
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	1	1	1	0	2	0	0	0	1	1	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	25	129	48	82	103	47	64	1071	24	54	1152	82
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	6	32	12	21	26	12	16	268	6	14	288	21
Total Analysis Volume [veh/h]	25	129	48	82	103	47	64	1071	24	54	1152	82
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	7.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	8.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis
Signal Group	0	4	0	0	4	0	0	2	0	0	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	9	0	0	9	0	0	10	0	0	10	0
Maximum Green [s]	0	17	0	0	17	0	0	92	0	0	92	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	0.0	5.0	0.0	0.0	5.0	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0
Split [s]	0	22	0	0	22	0	0	98	0	0	98	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	4.5	0.0	0.0	4.5	0.0
Walk [s]	0	9	0	0	9	0	0	8	0	0	8	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	14	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.5	0.0	0.0	3.5	0.0
Minimum Recall		No			No			Yes			Yes	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	R	L	C	R
C, Cycle Length [s]	130	130	130	130	130	130	130	130
L, Total Lost Time per Cycle [s]	5.00	5.00	5.50	5.50	5.50	5.50	5.50	5.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00	0.00	0.00	2.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50
g_i, Effective Green Time [s]	17	17	91	91	91	91	91	91
g / C, Green / Cycle	0.13	0.13	0.70	0.70	0.70	0.70	0.70	0.70
(v / s)_i Volume / Saturation Flow Rate	0.13	0.25	0.15	0.33	0.02	0.11	0.36	0.06
s, saturation flow rate [veh/h]	1523	929	439	3204	1431	474	3204	1431
c, Capacity [veh/h]	230	159	282	2243	1001	309	2243	1001
d1, Uniform Delay [s]	56.45	58.19	17.81	8.79	5.95	15.93	9.13	6.21
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	34.39	237.87	1.86	0.73	0.04	1.23	0.84	0.16
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.88	1.46	0.23	0.48	0.02	0.18	0.51	0.08
d, Delay for Lane Group [s/veh]	90.84	296.06	19.67	9.52	5.99	17.16	9.98	6.37
Lane Group LOS	F	F	B	A	A	B	A	A
Critical Lane Group	No	Yes	No	No	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	8.84	15.79	1.24	6.62	0.21	0.96	7.41	0.74
50th-Percentile Queue Length [ft/ln]	220.89	394.71	30.97	165.54	5.16	23.89	185.29	18.40
95th-Percentile Queue Length [veh/ln]	13.71	25.58	2.23	10.84	0.37	1.72	11.88	1.32
95th-Percentile Queue Length [ft/ln]	342.76	639.51	55.74	271.04	9.28	43.00	296.91	33.12

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	90.84	90.84	90.84	296.06	296.06	296.06	19.67	9.52	5.99	17.16	9.98	6.37
Movement LOS	F	F	F	F	F	F	B	A	A	B	A	A
d_A, Approach Delay [s/veh]	90.84			296.06			10.01			10.05		
Approach LOS	F			F			B			B		
d_I, Intersection Delay [s/veh]	38.73											
Intersection LOS	D											
Intersection V/C	0.649											

Other Modes

g_Walk,mi, Effective Walk Time [s]	12.0	12.0	13.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	53.55	53.55	52.65	52.65
l_p,int, Pedestrian LOS Score for Intersection	1.995	2.070	2.892	2.990
Crosswalk LOS	A	B	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	262	262	1400	1400
d_b, Bicycle Delay [s]	49.11	49.11	5.85	5.85
l_b,int, Bicycle LOS Score for Intersection	1.893	1.942	2.516	2.622
Bicycle LOS	A	A	B	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 2: California Ave / Giordano St

Control Type:	All-way stop	Delay (sec / veh):	8.5
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.255

Intersection Setup

Name	California			California			Giordano			Giordano		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Giordano			Giordano		
Base Volume Input [veh/h]	20	168	21	20	118	23	24	9	21	20	9	24
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	3	0	0	4	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	20	171	21	20	122	23	24	9	21	20	9	24
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	5	43	5	5	31	6	6	2	5	5	2	6
Total Analysis Volume [veh/h]	20	171	21	20	122	23	24	9	21	20	9	24
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	830	825	765	773
Degree of Utilization, x	0.26	0.20	0.07	0.07

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.02	0.74	0.23	0.22
95th-Percentile Queue Length [ft]	25.38	18.60	5.68	5.51
Approach Delay [s/veh]	8.82	8.46	8.06	8.00
Approach LOS	A	A	A	A
Intersection Delay [s/veh]	8.52			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 3: Sunset Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	58.1
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.710

Intersection Setup

Name	Sunset			Sunset			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right2	Left2	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	155.00	100.00	100.00	150.00	100.00	100.00	195.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sunset			Sunset			Temple			Temple		
Base Volume Input [veh/h]	134	922	114	118	795	183	238	585	127	125	522	129
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	3	2	0	0	0	3	0	3	2	2
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	134	922	117	120	795	183	238	588	127	128	524	131
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	34	231	29	30	199	46	60	147	32	32	131	33
Total Analysis Volume [veh/h]	134	922	117	120	795	183	238	588	127	128	524	131
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	95.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	16.00

Phasing & Timing

Control Type	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	9	8	0	9	8	0	9	8	0	9	8	0
Maximum Green [s]	30	30	0	30	30	0	30	30	0	30	30	0
Amber [s]	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	16	80	0	16	80	0	24	80	0	24	80	0
Vehicle Extension [s]	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0
Walk [s]	0	9	0	0	8	0	0	10	0	0	10	0
Pedestrian Clearance [s]	0	19	0	0	18	0	0	22	0	0	24	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall	No	Yes		No	Yes		No	No		No	No	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	C	L	C	C
C, Cycle Length [s]	200	200	200	200	200	200	200	200	200	200	200	200
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	92	76	76	92	76	76	100	76	76	100	76	76
g / C, Green / Cycle	0.46	0.38	0.38	0.46	0.38	0.38	0.50	0.38	0.38	0.50	0.38	0.38
(v / s)_i Volume / Saturation Flow Rate	0.20	0.31	0.32	0.18	0.30	0.30	0.26	0.22	0.22	0.15	0.20	0.20
s, saturation flow rate [veh/h]	683	1683	1617	658	1683	1575	899	1683	1581	869	1683	1568
c, Capacity [veh/h]	228	640	615	215	640	599	392	640	601	371	640	596
d1, Uniform Delay [s]	41.38	56.08	56.12	42.30	54.91	54.94	33.08	49.22	49.22	30.92	48.12	48.15
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	10.59	11.75	12.26	10.00	9.58	10.22	6.85	3.76	4.00	2.53	3.12	3.36
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.59	0.83	0.83	0.56	0.79	0.79	0.61	0.58	0.58	0.34	0.53	0.53
d, Delay for Lane Group [s/veh]	51.97	67.83	68.38	52.31	64.50	65.16	39.93	52.98	53.22	33.45	51.24	51.52
Lane Group LOS	D	E	E	D	E	E	D	D	D	C	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	4.64	26.46	25.57	4.12	24.47	23.04	7.70	15.57	14.66	3.72	13.93	13.07
50th-Percentile Queue Length [ft/ln]	115.92	661.54	639.37	102.90	611.63	576.01	192.58	389.21	366.55	93.09	348.33	326.63
95th-Percentile Queue Length [veh/ln]	8.17	34.90	33.87	7.41	32.58	30.91	12.25	22.04	20.94	6.70	20.05	18.99
95th-Percentile Queue Length [ft/ln]	204.21	872.45	846.71	185.22	814.43	772.82	306.37	550.98	523.55	167.56	501.37	474.83

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	51.97	68.06	68.38	52.31	64.74	65.16	39.93	53.07	53.22	33.45	51.34	51.52
Movement LOS	D	E	E	D	E	E	D	D	D	C	D	D
d_A, Approach Delay [s/veh]	66.26			63.45			49.81			48.45		
Approach LOS	E			E			D			D		
d_I, Intersection Delay [s/veh]	58.10											
Intersection LOS	E											
Intersection V/C	0.710											

Other Modes

g_Walk,mi, Effective Walk Time [s]	14.0	14.0	12.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	86.49	86.49	88.36	87.42
I_p,int, Pedestrian LOS Score for Intersection	2.841	2.934	2.761	2.717
Crosswalk LOS	C	C	C	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	760	760	760	760
d_b, Bicycle Delay [s]	38.44	38.44	38.44	38.44
I_b,int, Bicycle LOS Score for Intersection	2.527	2.465	2.346	2.206
Bicycle LOS	B	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 4: California Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	31.7
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.412

Intersection Setup

Name	California			California			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	120.00	100.00	100.00	130.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Temple			Temple		
Base Volume Input [veh/h]	44	108	33	40	92	38	50	748	36	27	684	34
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	3	0	0	0	0	4	3	2	3	0	3	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	47	108	33	40	92	42	53	750	39	27	687	34
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	12	27	8	10	23	11	13	188	10	7	172	9
Total Analysis Volume [veh/h]	47	108	33	40	92	42	53	750	39	27	687	34
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	7.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	0	4	0	0	4	0	1	6	0	5	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	8	0	0	8	0	4	13	0	5	14	0
Maximum Green [s]	0	0	0	0	0	0	0	0	0	0	0	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	3.0	4.5	0.0	3.0	4.5	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Split [s]	0	43	0	0	43	0	28	61	0	28	61	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	4.0	0.0	1.5	4.0	0.0
Walk [s]	0	12	0	0	12	0	0	11	0	0	11	0
Pedestrian Clearance [s]	0	18	0	0	18	0	0	13	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	2.5	0.0	1.5	2.5	0.0
Minimum Recall		No			No		No	Yes		No	Yes	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	132	132	132	132	132	132	132	132
L, Total Lost Time per Cycle [s]	5.00	5.00	4.50	4.50	4.50	4.50	4.50	4.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	0.00	2.50	2.50	0.00	2.50	2.50
g_i, Effective Green Time [s]	38	38	85	57	57	85	57	57
g / C, Green / Cycle	0.29	0.29	0.64	0.43	0.43	0.64	0.43	0.43
(v / s)_i Volume / Saturation Flow Rate	0.13	0.12	0.06	0.24	0.24	0.03	0.22	0.22
s, saturation flow rate [veh/h]	1462	1457	949	1683	1654	921	1683	1655
c, Capacity [veh/h]	455	453	583	720	708	559	720	708
d1, Uniform Delay [s]	38.11	37.67	10.62	28.28	28.28	10.86	27.54	27.54
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	2.76	2.46	0.31	3.04	3.09	0.16	2.51	2.56
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.41	0.38	0.09	0.55	0.55	0.05	0.50	0.50
d, Delay for Lane Group [s/veh]	40.86	40.12	10.93	31.31	31.37	11.02	30.05	30.10
Lane Group LOS	D	D	B	C	C	B	C	C
Critical Lane Group	Yes	No	No	No	Yes	Yes	No	No
50th-Percentile Queue Length [veh/ln]	5.35	4.88	0.62	10.03	9.87	0.31	8.88	8.76
50th-Percentile Queue Length [ft/ln]	133.66	121.90	15.38	250.82	246.85	7.71	222.12	218.91
95th-Percentile Queue Length [veh/ln]	9.14	8.50	1.11	15.23	15.03	0.56	13.77	13.61
95th-Percentile Queue Length [ft/ln]	228.46	212.44	27.68	380.69	375.68	13.88	344.33	340.24

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	40.86	40.86	40.86	40.12	40.12	40.12	10.93	31.34	31.37	11.02	30.08	30.10
Movement LOS	D	D	D	D	D	D	B	C	C	B	C	C
d_A, Approach Delay [s/veh]	40.86			40.12			30.06			29.39		
Approach LOS	D			D			C			C		
d_I, Intersection Delay [s/veh]	31.74											
Intersection LOS	C											
Intersection V/C	0.412											

Other Modes

g_Walk,mi, Effective Walk Time [s]	15.0	15.0	16.0	16.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	51.85	51.85	50.97	50.97
I_p,int, Pedestrian LOS Score for Intersection	1.916	1.944	2.697	2.678
Crosswalk LOS	A	A	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	576	576	856	856
d_b, Bicycle Delay [s]	33.47	33.47	21.59	21.59
I_b,int, Bicycle LOS Score for Intersection	1.870	1.847	2.254	2.177
Bicycle LOS	A	A	B	B

Sequence

Ring 1	1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Site Driveway Intersection

Control Type:	Two-way stop	Delay (sec / veh):	8.7
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.008

Intersection Setup

Name	Site Driveway		Temple		Temple	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Site Driveway		Temple		Temple	
Base Volume Input [veh/h]	0	0	0	0	0	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	8	6	8	0	0	10
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	8	6	8	0	0	10
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	2	2	2	0	0	3
Total Analysis Volume [veh/h]	8	6	8	0	0	10
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.01	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.69	8.39	7.25	0.00	0.00	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.04	0.04	0.01	0.01	0.00	0.00
95th-Percentile Queue Length [ft/ln]	1.04	1.04	0.37	0.19	0.00	0.00
d_A, Approach Delay [s/veh]	8.56		7.25		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	5.56					
Intersection LOS	A					

SGV Aquatics Center

Vistro File: J:\...\SGV Puente Aqua TIS-v4_NEW.vistro
Report File: J:\...\Ex_W_Proj_AMV2.pdf

Scenario 4 EX_W_PROJ_AM
11/17/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	California Ave / Amar Rd	Signalized	HCM 6th Edition	SB Thru	0.640	27.4	C
2	California Ave / Giordano St	All-way stop	HCM 6th Edition	NB Thru	0.145	7.9	A
3	Sunset Ave / Temple Ave	Signalized	HCM 6th Edition	SB Right	0.820	67.1	E
4	California Ave / Temple Ave	Signalized	HCM 6th Edition	SB Thru	0.449	33.5	C
5	Site Driveway Intersection	Two-way stop	HCM 6th Edition	SB Left	0.068	34.0	D

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: California Ave / Amar Rd

Control Type:	Signalized	Delay (sec / veh):	27.4
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.640

Intersection Setup

Name	California			California			Amar			Amar		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	115.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Amar			Amar		
Base Volume Input [veh/h]	28	88	20	82	79	48	42	605	8	17	1321	45
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	1	1	1	0	4	0	0	0	2	2	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	29	89	21	82	83	48	42	605	10	19	1321	45
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	7	22	5	21	21	12	11	151	3	5	330	11
Total Analysis Volume [veh/h]	29	89	21	82	83	48	42	605	10	19	1321	45
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	77.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	8.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis
Signal Group	0	4	0	0	4	0	0	2	0	0	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	9	0	0	9	0	0	10	0	0	10	0
Maximum Green [s]	0	17	0	0	17	0	0	92	0	0	92	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	0.0	5.0	0.0	0.0	5.0	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0
Split [s]	0	22	0	0	22	0	0	98	0	0	98	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	4.5	0.0	0.0	4.5	0.0
Walk [s]	0	9	0	0	9	0	0	8	0	0	8	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	14	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.5	0.0	0.0	3.5	0.0
Minimum Recall		No			No			Yes			Yes	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	R	L	C	R
C, Cycle Length [s]	130	130	130	130	130	130	130	130
L, Total Lost Time per Cycle [s]	5.00	5.00	5.50	5.50	5.50	5.50	5.50	5.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00	0.00	0.00	2.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50
g_i, Effective Green Time [s]	17	17	91	91	91	91	91	91
g / C, Green / Cycle	0.13	0.13	0.70	0.70	0.70	0.70	0.70	0.70
(v / s)_i Volume / Saturation Flow Rate	0.10	0.19	0.11	0.19	0.01	0.03	0.41	0.03
s, saturation flow rate [veh/h]	1451	1133	374	3204	1431	733	3204	1431
c, Capacity [veh/h]	223	187	233	2243	1001	506	2243	1001
d1, Uniform Delay [s]	53.93	58.37	20.25	7.21	5.89	9.90	9.95	6.04
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	12.40	109.30	1.70	0.30	0.02	0.14	1.14	0.08
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.62	1.14	0.18	0.27	0.01	0.04	0.59	0.04
d, Delay for Lane Group [s/veh]	66.32	167.68	21.94	7.51	5.91	10.04	11.10	6.12
Lane Group LOS	E	F	C	A	A	B	B	A
Critical Lane Group	No	Yes	No	No	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	5.14	11.86	0.87	3.06	0.09	0.23	9.29	0.39
50th-Percentile Queue Length [ft/ln]	128.39	296.49	21.79	76.41	2.13	5.86	232.22	9.82
95th-Percentile Queue Length [veh/ln]	8.85	18.52	1.57	5.50	0.15	0.42	14.29	0.71
95th-Percentile Queue Length [ft/ln]	221.30	463.00	39.22	137.54	3.83	10.56	357.18	17.68

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	66.32	66.32	66.32	167.68	167.68	167.68	21.94	7.51	5.91	10.04	11.10	6.12
Movement LOS	E	E	E	F	F	F	C	A	A	B	B	A
d_A, Approach Delay [s/veh]	66.32			167.68			8.41			10.92		
Approach LOS	E			F			A			B		
d_I, Intersection Delay [s/veh]	27.39											
Intersection LOS	C											
Intersection V/C	0.640											

Other Modes

g_Walk,mi, Effective Walk Time [s]	12.0	12.0	13.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	53.55	53.55	52.65	52.65
I_p,int, Pedestrian LOS Score for Intersection	1.881	1.981	2.844	2.926
Crosswalk LOS	A	A	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	262	262	1400	1400
d_b, Bicycle Delay [s]	49.11	49.11	5.85	5.85
I_b,int, Bicycle LOS Score for Intersection	1.789	1.911	2.102	2.702
Bicycle LOS	A	A	B	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 2: California Ave / Giordano St

Control Type:	All-way stop	Delay (sec / veh):	7.9
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.145

Intersection Setup

Name	California			California			Giordano			Giordano		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Giordano			Giordano		
Base Volume Input [veh/h]	10	94	2	4	96	15	30	9	26	6	21	21
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	3	0	0	8	0	0	0	1	1	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	10	97	2	4	104	15	30	9	27	7	21	21
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	24	1	1	26	4	8	2	7	2	5	5
Total Analysis Volume [veh/h]	10	97	2	4	104	15	30	9	27	7	21	21
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	831	847	826	836
Degree of Utilization, x	0.13	0.15	0.08	0.06

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.45	0.51	0.26	0.19
95th-Percentile Queue Length [ft]	11.27	12.66	6.49	4.66
Approach Delay [s/veh]	7.99	7.97	7.73	7.57
Approach LOS	A	A	A	A
Intersection Delay [s/veh]	7.87			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 3: Sunset Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	67.1
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.820

Intersection Setup

Name	Sunset			Sunset			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right2	Left2	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	155.00	100.00	100.00	150.00	100.00	100.00	195.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sunset			Sunset			Temple			Temple		
Base Volume Input [veh/h]	120	591	57	93	1106	143	136	426	159	133	829	85
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	6	4	0	0	0	5	0	3	3	2
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	120	591	63	97	1106	143	136	431	159	136	832	87
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	30	148	16	24	277	36	34	108	40	34	208	22
Total Analysis Volume [veh/h]	120	591	63	97	1106	143	136	431	159	136	832	87
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	94.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	16.00

Phasing & Timing

Control Type	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	9	8	0	9	8	0	9	8	0	9	8	0
Maximum Green [s]	30	30	0	30	30	0	30	30	0	30	30	0
Amber [s]	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	16	80	0	16	80	0	24	80	0	24	80	0
Vehicle Extension [s]	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0
Walk [s]	0	9	0	0	8	0	0	10	0	0	10	0
Pedestrian Clearance [s]	0	19	0	0	18	0	0	22	0	0	24	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall	No	Yes		No	Yes		No	No		No	No	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	C	L	C	C
C, Cycle Length [s]	200	200	200	200	200	200	200	200	200	200	200	200
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	92	76	76	92	76	76	100	76	76	100	76	76
g / C, Green / Cycle	0.46	0.38	0.38	0.46	0.38	0.38	0.50	0.38	0.38	0.50	0.38	0.38
(v / s)_i Volume / Saturation Flow Rate	0.21	0.20	0.20	0.12	0.38	0.38	0.17	0.18	0.18	0.15	0.28	0.28
s, saturation flow rate [veh/h]	583	1683	1627	838	1683	1617	779	1683	1531	933	1683	1628
c, Capacity [veh/h]	168	640	618	330	640	614	311	640	582	414	640	619
d1, Uniform Delay [s]	53.12	47.90	47.91	33.75	61.75	61.97	34.87	47.05	47.12	29.71	53.21	53.21
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	22.54	3.00	3.11	2.25	34.00	36.10	4.41	2.59	2.87	2.11	7.20	7.44
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.71	0.52	0.52	0.29	0.99	1.00	0.44	0.48	0.48	0.33	0.73	0.73
d, Delay for Lane Group [s/veh]	75.66	50.90	51.03	36.00	95.75	98.07	39.28	49.64	49.99	31.82	60.41	60.65
Lane Group LOS	E	D	D	D	F	F	D	D	D	C	E	E
Critical Lane Group	Yes	No	No	No	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	4.57	13.60	13.19	3.01	38.25	37.38	4.08	12.36	11.37	3.94	21.69	21.02
50th-Percentile Queue Length [ft/ln]	114.30	340.06	329.73	75.15	956.13	934.61	102.02	309.09	284.21	98.55	542.13	525.49
95th-Percentile Queue Length [veh/ln]	8.08	19.65	19.15	5.41	48.39	47.41	7.35	18.13	16.90	7.10	29.32	28.54
95th-Percentile Queue Length [ft/ln]	201.97	491.27	478.63	135.27	1209.6	1185.3	183.63	453.26	422.45	177.39	733.06	713.47

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	75.66	50.96	51.03	36.00	96.73	98.07	39.28	49.74	49.99	31.82	60.51	60.65
Movement LOS	E	D	D	D	F	F	D	D	D	C	E	E
d_A, Approach Delay [s/veh]	54.79			92.50			47.84			56.83		
Approach LOS	D			F			D			E		
d_I, Intersection Delay [s/veh]	67.06											
Intersection LOS	E											
Intersection V/C	0.820											

Other Modes

g_Walk,mi, Effective Walk Time [s]	14.0	14.0	12.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	86.49	86.49	88.36	87.42
l_p,int, Pedestrian LOS Score for Intersection	2.836	2.833	2.759	2.711
Crosswalk LOS	C	C	C	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	760	760	760	760
d_b, Bicycle Delay [s]	38.44	38.44	38.44	38.44
l_b,int, Bicycle LOS Score for Intersection	2.198	2.670	2.159	2.430
Bicycle LOS	B	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 4: California Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	33.5
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.449

Intersection Setup

Name	California			California			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	120.00	100.00	100.00	130.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Temple			Temple		
Base Volume Input [veh/h]	22	71	12	34	62	39	26	554	26	15	991	15
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	6	0	0	0	0	10	3	3	3	0	5	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	28	71	12	34	62	49	29	557	29	15	996	15
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	7	18	3	9	16	12	7	139	7	4	249	4
Total Analysis Volume [veh/h]	28	71	12	34	62	49	29	557	29	15	996	15
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	77.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	0	4	0	0	4	0	1	6	0	5	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	8	0	0	8	0	4	13	0	5	14	0
Maximum Green [s]	0	0	0	0	0	0	0	0	0	0	0	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	3.0	4.5	0.0	3.0	4.5	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Split [s]	0	43	0	0	43	0	28	61	0	28	61	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	4.0	0.0	1.5	4.0	0.0
Walk [s]	0	12	0	0	12	0	0	11	0	0	11	0
Pedestrian Clearance [s]	0	18	0	0	18	0	0	13	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	2.5	0.0	1.5	2.5	0.0
Minimum Recall		No			No		No	Yes		No	Yes	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	132	132	132	132	132	132	132	132
L, Total Lost Time per Cycle [s]	5.00	5.00	4.50	4.50	4.50	4.50	4.50	4.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	0.00	2.50	2.50	0.00	2.50	2.50
g_i, Effective Green Time [s]	38	38	85	57	57	85	57	57
g / C, Green / Cycle	0.29	0.29	0.64	0.43	0.43	0.64	0.43	0.43
(v / s)_i Volume / Saturation Flow Rate	0.07	0.10	0.03	0.18	0.18	0.01	0.30	0.30
s, saturation flow rate [veh/h]	1515	1489	840	1683	1654	1010	1683	1674
c, Capacity [veh/h]	470	462	493	720	708	634	720	717
d1, Uniform Delay [s]	35.89	36.82	12.96	26.18	26.20	9.63	30.90	30.90
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	1.18	1.77	0.23	1.72	1.76	0.07	5.69	5.72
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.24	0.31	0.06	0.41	0.41	0.02	0.70	0.70
d, Delay for Lane Group [s/veh]	37.06	38.59	13.19	27.91	27.96	9.70	36.58	36.61
Lane Group LOS	D	D	B	C	C	A	D	D
Critical Lane Group	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	2.92	3.93	0.34	6.82	6.73	0.17	14.26	14.19
50th-Percentile Queue Length [ft/ln]	72.96	98.24	8.39	170.52	168.20	4.21	356.40	354.69
95th-Percentile Queue Length [veh/ln]	5.25	7.07	0.60	11.10	10.98	0.30	20.45	20.36
95th-Percentile Queue Length [ft/ln]	131.32	176.83	15.11	277.59	274.55	7.57	511.20	509.12

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	37.06	37.06	37.06	38.59	38.59	38.59	13.19	27.93	27.96	9.70	36.60	36.61
Movement LOS	D	D	D	D	D	D	B	C	C	A	D	D
d_A, Approach Delay [s/veh]	37.06			38.59			27.24			36.21		
Approach LOS	D			D			C			D		
d_I, Intersection Delay [s/veh]	33.53											
Intersection LOS	C											
Intersection V/C	0.449											

Other Modes

g_Walk,mi, Effective Walk Time [s]	15.0	15.0	16.0	16.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	51.85	51.85	50.97	50.97
I_p,int, Pedestrian LOS Score for Intersection	1.846	1.876	2.684	2.681
Crosswalk LOS	A	A	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	576	576	856	856
d_b, Bicycle Delay [s]	33.47	33.47	21.59	21.59
I_b,int, Bicycle LOS Score for Intersection	1.743	1.799	2.067	2.406
Bicycle LOS	A	A	B	B

Sequence

Ring 1	1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Site Driveway Intersection

Control Type:	Two-way stop	Delay (sec / veh):	34.0
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.068

Intersection Setup

Name	Site Driveway		Temple		Temple	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Site Driveway		Temple		Temple	
Base Volume Input [veh/h]	0	0	0	576	1052	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	9	8	15	0	0	21
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	9	8	15	576	1052	21
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	2	2	4	144	263	5
Total Analysis Volume [veh/h]	9	8	15	576	1052	21
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.07	0.02	0.02	0.01	0.01	0.00
d_M, Delay for Movement [s/veh]	34.02	14.02	10.71	0.00	0.00	0.00
Movement LOS	D	B	B	A	A	A
95th-Percentile Queue Length [veh/ln]	0.27	0.27	0.07	0.04	0.00	0.00
95th-Percentile Queue Length [ft/ln]	6.87	6.87	1.78	0.89	0.00	0.00
d_A, Approach Delay [s/veh]	24.61		0.27		0.00	
Approach LOS	C		A		A	
d_I, Intersection Delay [s/veh]	0.34					
Intersection LOS	D					

SGV Aquatics Center

Vistro File: J:\...\SGV Puente Aqua TIS-v4_NEW.vistro
Report File: J:\...\Ex_W_Proj_PMv2.pdf

Scenario 5 EX_W_PROJ_PM
11/17/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	California Ave / Amar Rd	Signalized	HCM 6th Edition	NB Thru	0.669	56.0	E
2	California Ave / Giordano St	All-way stop	HCM 6th Edition	SB Thru	0.441	10.0	A
3	Sunset Ave / Temple Ave	Signalized	HCM 6th Edition	NB Right	0.899	93.0	F
4	California Ave / Temple Ave	Signalized	HCM 6th Edition	NB Thru	0.582	36.6	D
5	Site Driveway Intersection	Two-way stop	HCM 6th Edition	SB Left	0.125	30.1	D

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: California Ave / Amar Rd

Control Type:	Signalized	Delay (sec / veh):	56.0
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.669

Intersection Setup

Name	California			California			Amar			Amar		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	115.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Amar			Amar		
Base Volume Input [veh/h]	42	200	59	66	105	69	52	1298	36	27	978	86
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	2	3	2	0	3	0	0	0	2	2	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	44	203	61	66	108	69	52	1298	38	29	978	86
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	11	51	15	17	27	17	13	325	10	7	245	22
Total Analysis Volume [veh/h]	44	203	61	66	108	69	52	1298	38	29	978	86
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	85.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	8.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis
Signal Group	0	4	0	0	4	0	0	2	0	0	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	9	0	0	9	0	0	10	0	0	10	0
Maximum Green [s]	0	17	0	0	17	0	0	92	0	0	92	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	0.0	5.0	0.0	0.0	5.0	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0
Split [s]	0	22	0	0	22	0	0	98	0	0	98	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	4.5	0.0	0.0	4.5	0.0
Walk [s]	0	9	0	0	9	0	0	8	0	0	8	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	14	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.5	0.0	0.0	3.5	0.0
Minimum Recall		No			No			Yes			Yes	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	R	L	C	R
C, Cycle Length [s]	130	130	130	130	130	130	130	130
L, Total Lost Time per Cycle [s]	5.00	5.00	5.50	5.50	5.50	5.50	5.50	5.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00	0.00	0.00	2.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50
g_i, Effective Green Time [s]	17	17	91	91	91	91	91	91
g / C, Green / Cycle	0.13	0.13	0.70	0.70	0.70	0.70	0.70	0.70
(v / s)_i Volume / Saturation Flow Rate	0.22	0.22	0.10	0.41	0.03	0.08	0.31	0.06
s, saturation flow rate [veh/h]	1424	1091	518	3204	1431	382	3204	1431
c, Capacity [veh/h]	218	178	341	2243	1001	239	2243	1001
d1, Uniform Delay [s]	57.53	57.83	14.45	9.83	6.01	18.99	8.42	6.22
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	210.98	196.40	0.94	1.10	0.07	1.04	0.62	0.17
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	1.41	1.37	0.15	0.58	0.04	0.12	0.44	0.09
d, Delay for Lane Group [s/veh]	268.51	254.24	15.39	10.93	6.08	20.03	9.04	6.39
Lane Group LOS	F	F	B	B	A	C	A	A
Critical Lane Group	No	Yes	No	Yes	No	No	No	No
50th-Percentile Queue Length [veh/ln]	20.01	15.62	0.86	9.01	0.33	0.57	5.79	0.77
50th-Percentile Queue Length [ft/ln]	500.25	390.38	21.41	225.32	8.25	14.18	144.69	19.36
95th-Percentile Queue Length [veh/ln]	31.23	24.89	1.54	13.94	0.59	1.02	9.73	1.39
95th-Percentile Queue Length [ft/ln]	780.84	622.36	38.54	348.41	14.85	25.53	243.32	34.84

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	268.51	268.51	268.51	254.24	254.24	254.24	15.39	10.93	6.08	20.03	9.04	6.39
Movement LOS	F	F	F	F	F	F	B	B	A	C	A	A
d_A, Approach Delay [s/veh]	268.51			254.24			10.96			9.12		
Approach LOS	F			F			B			A		
d_I, Intersection Delay [s/veh]	55.96											
Intersection LOS	E											
Intersection V/C	0.669											

Other Modes

g_Walk,mi, Effective Walk Time [s]	12.0	12.0	13.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	53.55	53.55	52.65	52.65
l_p,int, Pedestrian LOS Score for Intersection	2.009	2.090	2.935	2.972
Crosswalk LOS	B	B	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	262	262	1400	1400
d_b, Bicycle Delay [s]	49.11	49.11	5.85	5.85
l_b,int, Bicycle LOS Score for Intersection	2.068	1.961	2.705	2.461
Bicycle LOS	B	A	B	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 2: California Ave / Giordano St

Control Type:	All-way stop	Delay (sec / veh):	10.0
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.441

Intersection Setup

Name	California			California			Giordano			Giordano		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Giordano			Giordano		
Base Volume Input [veh/h]	27	155	14	11	329	15	14	18	19	7	19	12
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	1	7	1	0	7	0	0	0	1	1	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	28	162	15	11	336	15	14	18	20	8	19	12
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	7	41	4	3	84	4	4	5	5	2	5	3
Total Analysis Volume [veh/h]	28	162	15	11	336	15	14	18	20	8	19	12
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	791	821	706	698
Degree of Utilization, x	0.26	0.44	0.07	0.06

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.04	2.28	0.24	0.18
95th-Percentile Queue Length [ft]	25.88	56.99	5.95	4.43
Approach Delay [s/veh]	9.14	10.81	8.50	8.46
Approach LOS	A	B	A	A
Intersection Delay [s/veh]	9.97			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 3: Sunset Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	93.0
Analysis Method:	HCM 6th Edition	Level Of Service:	F
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.899

Intersection Setup

Name	Sunset			Sunset			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right2	Left2	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	155.00	100.00	100.00	150.00	100.00	100.00	195.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sunset			Sunset			Temple			Temple		
Base Volume Input [veh/h]	211	1267	211	104	794	160	207	825	133	83	466	107
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	6	3	0	0	0	5	0	7	5	4
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	211	1267	217	107	794	160	207	830	133	90	471	111
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	53	317	54	27	199	40	52	208	33	23	118	28
Total Analysis Volume [veh/h]	211	1267	217	107	794	160	207	830	133	90	471	111
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	94.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	16.00

Phasing & Timing

Control Type	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	9	8	0	9	8	0	9	8	0	9	8	0
Maximum Green [s]	30	30	0	30	30	0	30	30	0	30	30	0
Amber [s]	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	16	80	0	16	80	0	24	80	0	24	80	0
Vehicle Extension [s]	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0
Walk [s]	0	9	0	0	8	0	0	10	0	0	10	0
Pedestrian Clearance [s]	0	19	0	0	18	0	0	22	0	0	24	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall	No	Yes		No	Yes		No	No		No	No	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	C	L	C	C
C, Cycle Length [s]	200	200	200	200	200	200	200	200	200	200	200	200
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	92	76	76	92	76	76	100	76	76	100	76	76
g / C, Green / Cycle	0.46	0.38	0.38	0.46	0.38	0.38	0.50	0.38	0.38	0.50	0.38	0.38
(v / s)_i Volume / Saturation Flow Rate	0.30	0.45	0.46	0.21	0.29	0.29	0.22	0.29	0.29	0.12	0.18	0.18
s, saturation flow rate [veh/h]	693	1683	1599	515	1683	1586	937	1683	1603	762	1683	1574
c, Capacity [veh/h]	235	640	608	167	640	603	419	640	609	298	640	598
d1, Uniform Delay [s]	50.27	62.00	62.00	49.17	54.27	54.28	31.24	54.35	54.40	34.48	46.77	46.84
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	36.92	93.97	107.90	17.21	8.60	9.10	4.12	8.71	9.18	2.59	2.46	2.66
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.90	1.17	1.21	0.64	0.77	0.77	0.49	0.77	0.77	0.30	0.47	0.47
d, Delay for Lane Group [s/veh]	87.19	155.97	169.90	66.38	62.87	63.38	35.36	63.07	63.58	37.08	49.23	49.50
Lane Group LOS	F	F	F	E	E	E	D	E	E	D	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	No	No	Yes	Yes	No	No
50th-Percentile Queue Length [veh/ln]	9.00	49.25	49.16	3.91	23.41	22.16	6.40	23.54	22.56	2.59	11.95	11.29
50th-Percentile Queue Length [ft/ln]	225.07	1231.2	1228.8	97.74	585.16	553.97	159.91	588.44	563.90	64.71	298.80	282.28
95th-Percentile Queue Length [veh/ln]	13.92	67.85	68.82	7.04	31.34	29.88	10.54	31.49	30.35	4.66	17.62	16.80
95th-Percentile Queue Length [ft/ln]	348.09	1696.3	1720.5	175.93	783.52	746.97	263.61	787.36	758.63	116.48	440.55	420.05

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	87.19	161.65	169.90	66.38	63.07	63.38	35.36	63.28	63.58	37.08	49.33	49.50
Movement LOS	F	F	F	E	E	E	D	E	E	D	D	D
d_A, Approach Delay [s/veh]	153.43			63.45			58.37			47.72		
Approach LOS	F			E			E			D		
d_I, Intersection Delay [s/veh]	93.03											
Intersection LOS	F											
Intersection V/C	0.899											

Other Modes

g_Walk,mi, Effective Walk Time [s]	14.0	14.0	12.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	86.49	86.49	88.36	87.42
I_p,int, Pedestrian LOS Score for Intersection	2.915	2.967	2.847	2.752
Crosswalk LOS	C	C	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	760	760	760	760
d_b, Bicycle Delay [s]	38.44	38.44	38.44	38.44
I_b,int, Bicycle LOS Score for Intersection	2.958	2.435	2.525	2.114
Bicycle LOS	C	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 4: California Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	36.6
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.582

Intersection Setup

Name	California			California			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	120.00	100.00	100.00	130.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Temple			Temple		
Base Volume Input [veh/h]	35	197	55	29	112	25	53	1062	30	34	587	34
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	6	0	0	0	0	9	9	5	7	0	5	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	41	197	55	29	112	34	62	1067	37	34	592	34
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	10	49	14	7	28	9	16	267	9	9	148	9
Total Analysis Volume [veh/h]	41	197	55	29	112	34	62	1067	37	34	592	34
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	85.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	0	4	0	0	4	0	1	6	0	5	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	8	0	0	8	0	4	13	0	5	14	0
Maximum Green [s]	0	0	0	0	0	0	0	0	0	0	0	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	3.0	4.5	0.0	3.0	4.5	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Split [s]	0	43	0	0	43	0	28	61	0	28	61	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	4.0	0.0	1.5	4.0	0.0
Walk [s]	0	12	0	0	12	0	0	11	0	0	11	0
Pedestrian Clearance [s]	0	18	0	0	18	0	0	13	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	2.5	0.0	1.5	2.5	0.0
Minimum Recall		No			No		No	Yes		No	Yes	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	132	132	132	132	132	132	132	132
L, Total Lost Time per Cycle [s]	5.00	5.00	4.50	4.50	4.50	4.50	4.50	4.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	0.00	2.50	2.50	0.00	2.50	2.50
g_i, Effective Green Time [s]	38	38	85	57	57	85	57	57
g / C, Green / Cycle	0.29	0.29	0.64	0.43	0.43	0.64	0.43	0.43
(v / s)_i Volume / Saturation Flow Rate	0.19	0.12	0.06	0.33	0.33	0.04	0.19	0.19
s, saturation flow rate [veh/h]	1566	1436	991	1683	1663	811	1683	1651
c, Capacity [veh/h]	482	445	618	720	712	469	720	707
d1, Uniform Delay [s]	40.84	37.53	10.16	32.22	32.23	14.39	26.58	26.59
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	5.61	2.60	0.32	7.80	7.91	0.30	1.93	1.98
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.61	0.39	0.10	0.77	0.77	0.07	0.44	0.44
d, Delay for Lane Group [s/veh]	46.45	40.13	10.48	40.02	40.13	14.69	28.51	28.57
Lane Group LOS	D	D	B	D	D	B	C	C
Critical Lane Group	Yes	No	No	No	Yes	Yes	No	No
50th-Percentile Queue Length [veh/ln]	9.07	4.88	0.72	16.55	16.38	0.40	7.42	7.30
50th-Percentile Queue Length [ft/ln]	226.76	122.02	18.02	413.64	409.53	9.93	185.39	182.51
95th-Percentile Queue Length [veh/ln]	14.01	8.50	1.30	23.22	23.02	0.72	11.88	11.73
95th-Percentile Queue Length [ft/ln]	350.24	212.61	32.43	580.41	575.47	17.88	297.04	293.29

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	46.45	46.45	46.45	40.13	40.13	40.13	10.48	40.08	40.13	14.69	28.54	28.57
Movement LOS	D	D	D	D	D	D	B	D	D	B	C	C
d_A, Approach Delay [s/veh]	46.45			40.13			38.50			27.83		
Approach LOS	D			D			D			C		
d_I, Intersection Delay [s/veh]	36.57											
Intersection LOS	D											
Intersection V/C	0.582											

Other Modes

g_Walk,mi, Effective Walk Time [s]	15.0	15.0	16.0	16.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	51.85	51.85	50.97	50.97
I_p,int, Pedestrian LOS Score for Intersection	1.984	1.998	2.731	2.709
Crosswalk LOS	A	A	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	576	576	856	856
d_b, Bicycle Delay [s]	33.47	33.47	21.59	21.59
I_b,int, Bicycle LOS Score for Intersection	2.043	1.848	2.522	2.104
Bicycle LOS	B	A	B	B

Sequence

Ring 1	1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Site Driveway Intersection

Control Type:	Two-way stop	Delay (sec / veh):	30.1
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.125

Intersection Setup

Name	Site Driveway		Temple		Temple	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Site Driveway		Temple		Temple	
Base Volume Input [veh/h]	0	0	0	1140	647	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	20	16	14	0	0	20
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	20	16	14	1140	647	20
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	5	4	4	285	162	5
Total Analysis Volume [veh/h]	20	16	14	1140	647	20
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

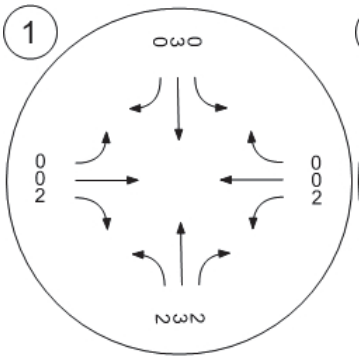
Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.13	0.02	0.02	0.01	0.01	0.00
d_M, Delay for Movement [s/veh]	30.11	13.04	8.98	0.00	0.00	0.00
Movement LOS	D	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.52	0.52	0.05	0.02	0.00	0.00
95th-Percentile Queue Length [ft/ln]	12.89	12.89	1.16	0.58	0.00	0.00
d_A, Approach Delay [s/veh]	22.52		0.11		0.00	
Approach LOS	C		A		A	
d_I, Intersection Delay [s/veh]	0.50					
Intersection LOS	D					

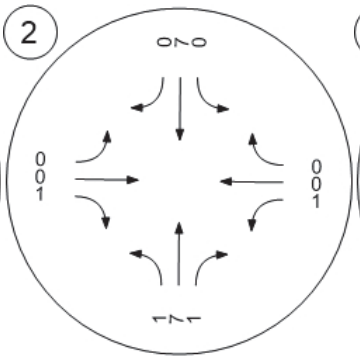
Report Figure 7209074d: Traffic Volume - Net New Site Trips



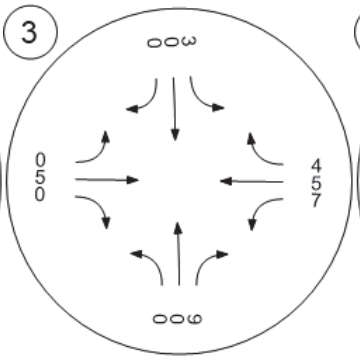
California Ave / Amar Rd



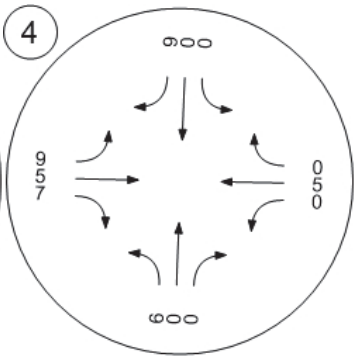
California Ave / Giordano St



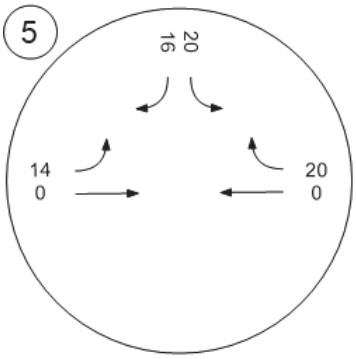
Sunset Ave / Temple Ave



California Ave / Temple Ave



Site Driveway Intersection



APPENDIX E
Future Pre-Project LOS Worksheets

SGV Aquatics Center

Vistro File: J:\...\SGV Puente Aqua TIS-v4_NEW.vistro
Report File: J:\...\FutSatMD_No_PROJv2.pdf

Scenario 11 FutSatMD_NO_PROJ
11/17/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	California Ave / Amar Rd	Signalized	HCM 6th Edition	SB Thru	0.668	40.2	D
2	California Ave / Giordano St	All-way stop	HCM 6th Edition	NB Thru	0.264	8.6	A
3	Sunset Ave / Temple Ave	Signalized	HCM 6th Edition	NB Right	0.731	59.9	E
4	California Ave / Temple Ave	Signalized	HCM 6th Edition	NB Thru	0.419	32.0	C
5	Site Driveway Intersection	Two-way stop	HCM 6th Edition	EB Thru	0.000	0.0	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: California Ave / Amar Rd

Control Type:	Signalized	Delay (sec / veh):	40.2
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.668

Intersection Setup

Name	California			California			Amar			Amar		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	115.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Amar			Amar		
Base Volume Input [veh/h]	24	128	47	82	101	47	64	1071	23	53	1152	82
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	1	0	0	0	0	1	0	1	0	1	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	26	132	48	84	104	49	66	1104	24	56	1188	84
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	7	33	12	21	26	12	17	276	6	14	297	21
Total Analysis Volume [veh/h]	26	132	48	84	104	49	66	1104	24	56	1188	84
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	7.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	8.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis
Signal Group	0	4	0	0	4	0	0	2	0	0	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	9	0	0	9	0	0	10	0	0	10	0
Maximum Green [s]	0	17	0	0	17	0	0	92	0	0	92	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	0.0	5.0	0.0	0.0	5.0	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0
Split [s]	0	22	0	0	22	0	0	98	0	0	98	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	4.5	0.0	0.0	4.5	0.0
Walk [s]	0	9	0	0	9	0	0	8	0	0	8	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	14	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.5	0.0	0.0	3.5	0.0
Minimum Recall		No			No			Yes			Yes	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	R	L	C	R
C, Cycle Length [s]	130	130	130	130	130	130	130	130
L, Total Lost Time per Cycle [s]	5.00	5.00	5.50	5.50	5.50	5.50	5.50	5.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00	0.00	0.00	2.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50
g_i, Effective Green Time [s]	17	17	91	91	91	91	91	91
g / C, Green / Cycle	0.13	0.13	0.70	0.70	0.70	0.70	0.70	0.70
(v / s)_i Volume / Saturation Flow Rate	0.14	0.26	0.16	0.34	0.02	0.12	0.37	0.06
s, saturation flow rate [veh/h]	1519	925	424	3204	1431	459	3204	1431
c, Capacity [veh/h]	230	158	271	2243	1001	297	2243	1001
d1, Uniform Delay [s]	56.64	58.22	18.64	8.92	5.95	16.57	9.30	6.21
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	37.55	253.24	2.13	0.78	0.04	1.40	0.90	0.16
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.90	1.50	0.24	0.49	0.02	0.19	0.53	0.08
d, Delay for Lane Group [s/veh]	94.18	311.46	20.77	9.70	5.99	17.96	10.20	6.38
Lane Group LOS	F	F	C	A	A	B	B	A
Critical Lane Group	No	Yes	No	No	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	9.19	16.41	1.32	6.94	0.21	1.02	7.78	0.76
50th-Percentile Queue Length [ft/ln]	229.70	410.29	33.09	173.39	5.16	25.53	194.60	18.88
95th-Percentile Queue Length [veh/ln]	14.16	26.62	2.38	11.25	0.37	1.84	12.36	1.36
95th-Percentile Queue Length [ft/ln]	353.98	665.48	59.56	281.37	9.28	45.95	308.99	33.98

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	94.18	94.18	94.18	311.46	311.46	311.46	20.77	9.70	5.99	17.96	10.20	6.38
Movement LOS	F	F	F	F	F	F	C	A	A	B	B	A
d_A, Approach Delay [s/veh]	94.18			311.46			10.24			10.28		
Approach LOS	F			F			B			B		
d_I, Intersection Delay [s/veh]	40.17											
Intersection LOS	D											
Intersection V/C	0.668											

Other Modes

g_Walk,mi, Effective Walk Time [s]	12.0	12.0	13.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	53.55	53.55	52.65	52.65
l_p,int, Pedestrian LOS Score for Intersection	2.002	2.079	2.905	3.005
Crosswalk LOS	B	B	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	262	262	1400	1400
d_b, Bicycle Delay [s]	49.11	49.11	5.85	5.85
l_b,int, Bicycle LOS Score for Intersection	1.900	1.951	2.545	2.655
Bicycle LOS	A	A	B	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 2: California Ave / Giordano St

Control Type:	All-way stop	Delay (sec / veh):	8.6
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.264

Intersection Setup

Name	California			California			Giordano			Giordano		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Giordano			Giordano		
Base Volume Input [veh/h]	20	168	21	20	118	23	24	9	21	20	9	24
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	1	2	1	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	21	174	24	22	122	24	25	9	22	21	9	25
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	5	44	6	6	31	6	6	2	6	5	2	6
Total Analysis Volume [veh/h]	21	174	24	22	122	24	25	9	22	21	9	25
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	828	821	760	769
Degree of Utilization, x	0.26	0.20	0.07	0.07

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.06	0.76	0.24	0.23
95th-Percentile Queue Length [ft]	26.58	19.12	5.94	5.77
Approach Delay [s/veh]	8.90	8.51	8.11	8.05
Approach LOS	A	A	A	A
Intersection Delay [s/veh]	8.59			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 3: Sunset Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	59.9
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.731

Intersection Setup

Name	Sunset			Sunset			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right2	Left2	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	155.00	100.00	100.00	150.00	100.00	100.00	195.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sunset			Sunset			Temple			Temple		
Base Volume Input [veh/h]	134	922	114	118	795	183	238	585	127	125	522	129
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	4	4	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	138	954	121	122	819	188	245	603	131	129	538	133
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	35	239	30	31	205	47	61	151	33	32	135	33
Total Analysis Volume [veh/h]	138	954	121	122	819	188	245	603	131	129	538	133
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	95.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	16.00

Phasing & Timing

Control Type	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	9	8	0	9	8	0	9	8	0	9	8	0
Maximum Green [s]	30	30	0	30	30	0	30	30	0	30	30	0
Amber [s]	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	16	80	0	16	80	0	24	80	0	24	80	0
Vehicle Extension [s]	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0
Walk [s]	0	9	0	0	8	0	0	10	0	0	10	0
Pedestrian Clearance [s]	0	19	0	0	18	0	0	22	0	0	24	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall	No	Yes		No	Yes		No	No		No	No	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	C	L	C	C
C, Cycle Length [s]	200	200	200	200	200	200	200	200	200	200	200	200
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	92	76	76	92	76	76	100	76	76	100	76	76
g / C, Green / Cycle	0.46	0.38	0.38	0.46	0.38	0.38	0.50	0.38	0.38	0.50	0.38	0.38
(v / s)_i Volume / Saturation Flow Rate	0.21	0.33	0.33	0.19	0.31	0.31	0.28	0.22	0.22	0.15	0.21	0.21
s, saturation flow rate [veh/h]	671	1683	1618	644	1683	1576	891	1683	1580	860	1683	1569
c, Capacity [veh/h]	221	640	615	207	640	599	386	640	600	365	640	596
d1, Uniform Delay [s]	42.52	56.98	57.04	43.64	55.61	55.65	33.55	49.60	49.60	31.23	48.42	48.45
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	12.64	13.81	14.45	11.79	10.81	11.55	7.74	4.00	4.25	2.67	3.28	3.53
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.62	0.86	0.86	0.59	0.81	0.81	0.63	0.59	0.59	0.35	0.54	0.54
d, Delay for Lane Group [s/veh]	55.16	70.78	71.49	55.42	66.43	67.21	41.29	53.59	53.85	33.90	51.70	51.98
Lane Group LOS	E	E	E	E	E	E	D	D	D	C	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	4.87	28.07	27.17	4.26	25.65	24.19	8.03	16.12	15.18	3.76	14.37	13.48
50th-Percentile Queue Length [ft/ln]	121.74	701.63	679.24	106.44	641.20	604.73	200.72	403.11	379.56	94.08	359.31	336.95
95th-Percentile Queue Length [veh/ln]	8.49	36.75	35.72	7.64	33.95	32.25	12.68	22.71	21.57	6.77	20.59	19.50
95th-Percentile Queue Length [ft/ln]	212.22	918.83	892.95	191.03	848.84	806.37	316.90	567.75	539.31	169.34	514.74	487.47

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	55.16	71.08	71.49	55.42	66.71	67.21	41.29	53.69	53.85	33.90	51.80	51.98
Movement LOS	E	E	E	E	E	E	D	D	D	C	D	D
d_A, Approach Delay [s/veh]	69.31			65.57			50.60			48.94		
Approach LOS	E			E			D			D		
d_I, Intersection Delay [s/veh]	59.89											
Intersection LOS	E											
Intersection V/C	0.731											

Other Modes

g_Walk,mi, Effective Walk Time [s]	14.0	14.0	12.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	86.49	86.49	88.36	87.42
I_p,int, Pedestrian LOS Score for Intersection	2.855	2.952	2.773	2.725
Crosswalk LOS	C	C	C	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	760	760	760	760
d_b, Bicycle Delay [s]	38.44	38.44	38.44	38.44
I_b,int, Bicycle LOS Score for Intersection	2.560	2.491	2.367	2.220
Bicycle LOS	B	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 4: California Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	32.0
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.419

Intersection Setup

Name	California			California			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	120.00	100.00	100.00	130.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Temple			Temple		
Base Volume Input [veh/h]	44	108	33	40	92	38	50	748	36	27	684	34
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	2	1	0	0	0	1
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	45	111	34	41	95	39	54	771	37	28	705	36
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	11	28	9	10	24	10	14	193	9	7	176	9
Total Analysis Volume [veh/h]	45	111	34	41	95	39	54	771	37	28	705	36
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	7.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	0	4	0	0	4	0	1	6	0	5	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	8	0	0	8	0	4	13	0	5	14	0
Maximum Green [s]	0	0	0	0	0	0	0	0	0	0	0	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	3.0	4.5	0.0	3.0	4.5	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Split [s]	0	43	0	0	43	0	28	61	0	28	61	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	4.0	0.0	1.5	4.0	0.0
Walk [s]	0	12	0	0	12	0	0	11	0	0	11	0
Pedestrian Clearance [s]	0	18	0	0	18	0	0	13	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	2.5	0.0	1.5	2.5	0.0
Minimum Recall		No			No		No	Yes		No	Yes	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	132	132	132	132	132	132	132	132
L, Total Lost Time per Cycle [s]	5.00	5.00	4.50	4.50	4.50	4.50	4.50	4.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	0.00	2.50	2.50	0.00	2.50	2.50
g_i, Effective Green Time [s]	38	38	85	57	57	85	57	57
g / C, Green / Cycle	0.29	0.29	0.64	0.43	0.43	0.64	0.43	0.43
(v / s)_i Volume / Saturation Flow Rate	0.13	0.12	0.06	0.24	0.24	0.03	0.22	0.22
s, saturation flow rate [veh/h]	1475	1454	941	1683	1656	913	1683	1654
c, Capacity [veh/h]	458	452	575	720	709	553	720	708
d1, Uniform Delay [s]	38.10	37.71	10.77	28.48	28.49	11.01	27.75	27.76
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	2.75	2.49	0.32	3.20	3.25	0.17	2.66	2.71
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.41	0.39	0.09	0.57	0.57	0.05	0.52	0.52
d, Delay for Lane Group [s/veh]	40.85	40.20	11.09	31.68	31.74	11.18	30.41	30.47
Lane Group LOS	D	D	B	C	C	B	C	C
Critical Lane Group	Yes	No	No	No	Yes	Yes	No	No
50th-Percentile Queue Length [veh/ln]	5.40	4.91	0.63	10.36	10.20	0.32	9.22	9.08
50th-Percentile Queue Length [ft/ln]	134.94	122.82	15.70	258.92	255.09	8.01	230.40	226.93
95th-Percentile Queue Length [veh/ln]	9.21	8.55	1.13	15.63	15.44	0.58	14.19	14.02
95th-Percentile Queue Length [ft/ln]	230.19	213.70	28.26	390.87	386.06	14.42	354.86	350.46

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	40.85	40.85	40.85	40.20	40.20	40.20	11.09	31.71	31.74	11.18	30.44	30.47
Movement LOS	D	D	D	D	D	D	B	C	C	B	C	C
d_A, Approach Delay [s/veh]	40.85			40.20			30.42			29.74		
Approach LOS	D			D			C			C		
d_I, Intersection Delay [s/veh]	32.01											
Intersection LOS	C											
Intersection V/C	0.419											

Other Modes

g_Walk,mi, Effective Walk Time [s]	15.0	15.0	16.0	16.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	51.85	51.85	50.97	50.97
I_p,int, Pedestrian LOS Score for Intersection	1.919	1.948	2.701	2.688
Crosswalk LOS	A	A	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	576	576	856	856
d_b, Bicycle Delay [s]	33.47	33.47	21.59	21.59
I_b,int, Bicycle LOS Score for Intersection	1.873	1.848	2.271	2.194
Bicycle LOS	A	A	B	B

Sequence

Ring 1	1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Site Driveway Intersection

Control Type:	Two-way stop	Delay (sec / veh):	0.0
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.000

Intersection Setup

Name	Site Driveway		Temple		Temple	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Site Driveway		Temple		Temple	
Base Volume Input [veh/h]	0	0	0	0	0	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	3	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	0	0	3	0	0
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	0	0	1	0	0
Total Analysis Volume [veh/h]	0	0	0	3	0	0
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

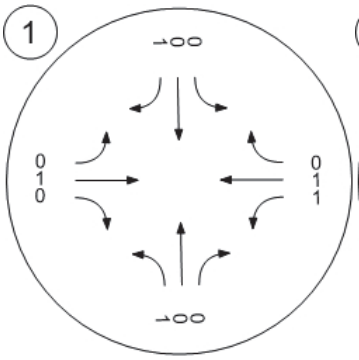
Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.53	8.32	7.22	0.00	0.00	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	8.42		0.00		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	0.00					
Intersection LOS	A					

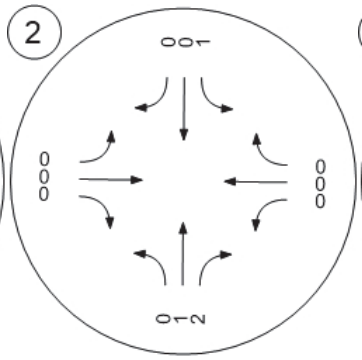
Report Figure 7209074d: Traffic Volume - Net New Site Trips



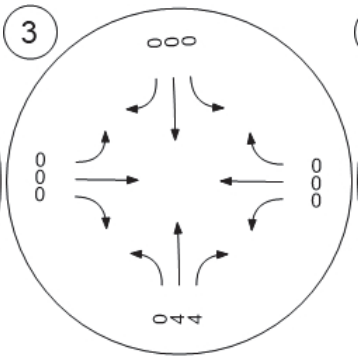
California Ave / Amar Rd



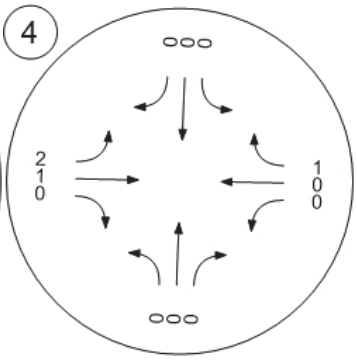
California Ave / Giordano St



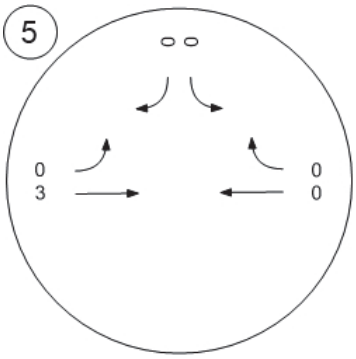
Sunset Ave / Temple Ave



California Ave / Temple Ave



Site Driveway Intersection



SGV Aquatics Center

Vistro File: J:\...\SGV Puente Aqua TIS-v4_NEW.vistro
Report File: J:\...\Fut_No_Proj_AMv2.pdf

Scenario 6 Fut_NO_PROJ_AM
11/17/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	California Ave / Amar Rd	Signalized	HCM 6th Edition	SB Left	0.659	28.2	C
2	California Ave / Giordano St	All-way stop	HCM 6th Edition	NB Thru	0.141	7.9	A
3	Sunset Ave / Temple Ave	Signalized	HCM 6th Edition	SB Right	0.845	70.5	E
4	California Ave / Temple Ave	Signalized	HCM 6th Edition	SB Thru	0.455	34.0	C
5	Site Driveway Intersection	Two-way stop	HCM 6th Edition	WB Thru	0.011	0.0	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: California Ave / Amar Rd

Control Type:	Signalized	Delay (sec / veh):	28.2
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.659

Intersection Setup

Name	California			California			Amar			Amar		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	115.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Amar			Amar		
Base Volume Input [veh/h]	28	88	20	82	79	48	42	605	8	17	1321	45
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	1	0	0	0	1	1	1	0	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	29	91	22	84	81	49	44	624	9	18	1362	46
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	7	23	6	21	20	12	11	156	2	5	341	12
Total Analysis Volume [veh/h]	29	91	22	84	81	49	44	624	9	18	1362	46
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	77.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	8.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis
Signal Group	0	4	0	0	4	0	0	2	0	0	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	9	0	0	9	0	0	10	0	0	10	0
Maximum Green [s]	0	17	0	0	17	0	0	92	0	0	92	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	0.0	5.0	0.0	0.0	5.0	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0
Split [s]	0	22	0	0	22	0	0	98	0	0	98	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	4.5	0.0	0.0	4.5	0.0
Walk [s]	0	9	0	0	9	0	0	8	0	0	8	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	14	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.5	0.0	0.0	3.5	0.0
Minimum Recall		No			No			Yes			Yes	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	R	L	C	R
C, Cycle Length [s]	130	130	130	130	130	130	130	130
L, Total Lost Time per Cycle [s]	5.00	5.00	5.50	5.50	5.50	5.50	5.50	5.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00	0.00	0.00	2.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50
g_i, Effective Green Time [s]	17	17	91	91	91	91	91	91
g / C, Green / Cycle	0.13	0.13	0.70	0.70	0.70	0.70	0.70	0.70
(v / s)_i Volume / Saturation Flow Rate	0.10	0.19	0.12	0.19	0.01	0.02	0.43	0.03
s, saturation flow rate [veh/h]	1458	1107	359	3204	1431	721	3204	1431
c, Capacity [veh/h]	224	183	222	2243	1001	496	2243	1001
d1, Uniform Delay [s]	54.04	58.42	21.37	7.26	5.89	10.03	10.17	6.04
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	12.90	118.86	2.00	0.31	0.02	0.14	1.23	0.09
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.63	1.17	0.20	0.28	0.01	0.04	0.61	0.05
d, Delay for Lane Group [s/veh]	66.95	177.28	23.37	7.57	5.90	10.17	11.41	6.13
Lane Group LOS	E	F	C	A	A	B	B	A
Critical Lane Group	No	Yes	No	No	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	5.27	12.14	0.95	3.18	0.08	0.22	9.80	0.40
50th-Percentile Queue Length [ft/ln]	131.83	303.52	23.78	79.40	1.91	5.60	244.98	10.05
95th-Percentile Queue Length [veh/ln]	9.04	19.05	1.71	5.72	0.14	0.40	14.93	0.72
95th-Percentile Queue Length [ft/ln]	225.98	476.23	42.80	142.93	3.44	10.09	373.32	18.08

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	66.95	66.95	66.95	177.28	177.28	177.28	23.37	7.57	5.90	10.17	11.41	6.13
Movement LOS	E	E	E	F	F	F	C	A	A	B	B	A
d_A, Approach Delay [s/veh]	66.95			177.28			8.58			11.22		
Approach LOS	E			F			A			B		
d_I, Intersection Delay [s/veh]	28.16											
Intersection LOS	C											
Intersection V/C	0.659											

Other Modes

g_Walk,mi, Effective Walk Time [s]	12.0	12.0	13.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	53.55	53.55	52.65	52.65
l_p,int, Pedestrian LOS Score for Intersection	1.879	1.987	2.854	2.939
Crosswalk LOS	A	A	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	262	262	1400	1400
d_b, Bicycle Delay [s]	49.11	49.11	5.85	5.85
l_b,int, Bicycle LOS Score for Intersection	1.794	1.913	2.118	2.736
Bicycle LOS	A	A	B	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 2: California Ave / Giordano St

Control Type:	All-way stop	Delay (sec / veh):	7.9
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.141

Intersection Setup

Name	California			California			Giordano			Giordano		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Giordano			Giordano		
Base Volume Input [veh/h]	10	94	2	4	96	15	30	9	26	6	21	21
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	1	0	0	0	0	2	0	1
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	10	97	2	4	100	15	31	9	27	8	22	23
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	24	1	1	25	4	8	2	7	2	6	6
Total Analysis Volume [veh/h]	10	97	2	4	100	15	31	9	27	8	22	23
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	829	846	826	838
Degree of Utilization, x	0.13	0.14	0.08	0.06

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.45	0.49	0.26	0.20
95th-Percentile Queue Length [ft]	11.30	12.22	6.60	5.05
Approach Delay [s/veh]	8.00	7.95	7.74	7.58
Approach LOS	A	A	A	A
Intersection Delay [s/veh]	7.87			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 3: Sunset Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	70.5
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.845

Intersection Setup

Name	Sunset			Sunset			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right2	Left2	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	155.00	100.00	100.00	150.00	100.00	100.00	195.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sunset			Sunset			Temple			Temple		
Base Volume Input [veh/h]	120	591	57	93	1106	143	136	426	159	133	829	85
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	4	0	0	0	0	4	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	124	609	59	96	1143	147	140	439	164	141	854	88
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	31	152	15	24	286	37	35	110	41	35	214	22
Total Analysis Volume [veh/h]	124	609	59	96	1143	147	140	439	164	141	854	88
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	94.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	16.00

Phasing & Timing

Control Type	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	9	8	0	9	8	0	9	8	0	9	8	0
Maximum Green [s]	30	30	0	30	30	0	30	30	0	30	30	0
Amber [s]	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	16	80	0	16	80	0	24	80	0	24	80	0
Vehicle Extension [s]	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0
Walk [s]	0	9	0	0	8	0	0	10	0	0	10	0
Pedestrian Clearance [s]	0	19	0	0	18	0	0	22	0	0	24	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall	No	Yes		No	Yes		No	No		No	No	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	C	L	C	C
C, Cycle Length [s]	200	200	200	200	200	200	200	200	200	200	200	200
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	92	76	76	92	76	76	100	76	76	100	76	76
g / C, Green / Cycle	0.46	0.38	0.38	0.46	0.38	0.38	0.50	0.38	0.38	0.50	0.38	0.38
(v / s)_i Volume / Saturation Flow Rate	0.22	0.20	0.20	0.12	0.39	0.39	0.18	0.19	0.19	0.15	0.28	0.28
s, saturation flow rate [veh/h]	570	1683	1631	830	1683	1617	770	1683	1529	926	1683	1628
c, Capacity [veh/h]	168	640	620	326	640	614	305	640	581	409	640	619
d1, Uniform Delay [s]	54.86	48.14	48.15	33.87	62.00	62.00	35.62	47.30	47.35	29.97	53.72	53.73
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	24.88	3.13	3.23	2.29	42.14	44.92	4.90	2.70	3.00	2.29	7.83	8.09
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.74	0.53	0.53	0.29	1.03	1.03	0.46	0.49	0.50	0.34	0.75	0.75
d, Delay for Lane Group [s/veh]	79.74	51.27	51.38	36.16	104.14	106.92	40.53	50.00	50.35	32.26	61.55	61.82
Lane Group LOS	E	D	D	D	F	F	D	D	D	C	E	E
Critical Lane Group	Yes	No	No	No	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	4.81	13.95	13.56	2.98	40.04	38.94	4.23	12.72	11.67	4.11	22.50	21.83
50th-Percentile Queue Length [ft/ln]	120.15	348.87	339.05	74.41	1001.0	973.55	105.85	317.96	291.87	102.73	562.56	545.73
95th-Percentile Queue Length [veh/ln]	8.40	20.08	19.60	5.36	51.38	50.38	7.61	18.57	17.28	7.40	30.28	29.49
95th-Percentile Queue Length [ft/ln]	210.03	502.03	490.04	133.94	1284.5	1259.4	190.22	464.18	431.96	184.92	757.06	737.28

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	79.74	51.32	51.38	36.16	105.33	106.92	40.53	50.10	50.35	32.26	61.67	61.82
Movement LOS	E	D	D	D	F	F	D	D	D	C	E	E
d_A, Approach Delay [s/veh]	55.77			100.70			48.35			57.85		
Approach LOS	E			F			D			E		
d_I, Intersection Delay [s/veh]	70.51											
Intersection LOS	E											
Intersection V/C	0.845											

Other Modes

g_Walk,mi, Effective Walk Time [s]	14.0	14.0	12.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	86.49	86.49	88.36	87.42
I_p,int, Pedestrian LOS Score for Intersection	2.851	2.847	2.770	2.717
Crosswalk LOS	C	C	C	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	760	760	760	760
d_b, Bicycle Delay [s]	38.44	38.44	38.44	38.44
I_b,int, Bicycle LOS Score for Intersection	2.213	2.703	2.173	2.453
Bicycle LOS	B	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 4: California Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	34.0
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.455

Intersection Setup

Name	California			California			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	120.00	100.00	100.00	130.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Temple			Temple		
Base Volume Input [veh/h]	22	71	12	34	62	39	26	554	26	15	991	15
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	1	0	2	0	0	0	0	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	23	73	12	36	64	42	27	571	27	15	1022	15
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	6	18	3	9	16	11	7	143	7	4	256	4
Total Analysis Volume [veh/h]	23	73	12	36	64	42	27	571	27	15	1022	15
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	77.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	0	4	0	0	4	0	1	6	0	5	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	8	0	0	8	0	4	13	0	5	14	0
Maximum Green [s]	0	0	0	0	0	0	0	0	0	0	0	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	3.0	4.5	0.0	3.0	4.5	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Split [s]	0	43	0	0	43	0	28	61	0	28	61	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	4.0	0.0	1.5	4.0	0.0
Walk [s]	0	12	0	0	12	0	0	11	0	0	11	0
Pedestrian Clearance [s]	0	18	0	0	18	0	0	13	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	2.5	0.0	1.5	2.5	0.0
Minimum Recall		No			No		No	Yes		No	Yes	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	132	132	132	132	132	132	132	132
L, Total Lost Time per Cycle [s]	5.00	5.00	4.50	4.50	4.50	4.50	4.50	4.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	0.00	2.50	2.50	0.00	2.50	2.50
g_i, Effective Green Time [s]	38	38	85	57	57	85	57	57
g / C, Green / Cycle	0.29	0.29	0.64	0.43	0.43	0.64	0.43	0.43
(v / s)_i Volume / Saturation Flow Rate	0.07	0.10	0.03	0.18	0.18	0.01	0.31	0.31
s, saturation flow rate [veh/h]	1551	1489	832	1683	1656	1004	1683	1674
c, Capacity [veh/h]	480	463	486	720	709	629	720	717
d1, Uniform Delay [s]	35.81	36.71	13.26	26.30	26.31	9.68	31.24	31.24
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	1.09	1.71	0.22	1.78	1.82	0.07	6.17	6.20
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.23	0.31	0.06	0.42	0.42	0.02	0.72	0.72
d, Delay for Lane Group [s/veh]	36.90	38.43	13.47	28.08	28.12	9.75	37.41	37.44
Lane Group LOS	D	D	B	C	C	A	D	D
Critical Lane Group	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	2.83	3.84	0.31	6.99	6.90	0.17	14.84	14.77
50th-Percentile Queue Length [ft/ln]	70.72	95.90	7.81	174.73	172.54	4.21	370.99	369.27
95th-Percentile Queue Length [veh/ln]	5.09	6.90	0.56	11.32	11.21	0.30	21.16	21.07
95th-Percentile Queue Length [ft/ln]	127.30	172.62	14.06	283.12	280.25	7.57	528.93	526.84

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	36.90	36.90	36.90	38.43	38.43	38.43	13.47	28.10	28.12	9.75	37.43	37.44
Movement LOS	D	D	D	D	D	D	B	C	C	A	D	D
d_A, Approach Delay [s/veh]	36.90			38.43			27.47			37.03		
Approach LOS	D			D			C			D		
d_I, Intersection Delay [s/veh]	34.03											
Intersection LOS	C											
Intersection V/C	0.455											

Other Modes

g_Walk,mi, Effective Walk Time [s]	15.0	15.0	16.0	16.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	51.85	51.85	50.97	50.97
I_p,int, Pedestrian LOS Score for Intersection	1.844	1.873	2.681	2.692
Crosswalk LOS	A	A	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	576	576	856	856
d_b, Bicycle Delay [s]	33.47	33.47	21.59	21.59
I_b,int, Bicycle LOS Score for Intersection	1.738	1.794	2.075	2.428
Bicycle LOS	A	A	B	B

Sequence

Ring 1	1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Site Driveway Intersection

Control Type:	Two-way stop	Delay (sec / veh):	0.0
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.011

Intersection Setup

Name	Site Driveway		Temple		Temple	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Site Driveway		Temple		Temple	
Base Volume Input [veh/h]	0	0	0	576	1052	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	3	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	0	0	593	1087	0
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	0	0	148	272	0
Total Analysis Volume [veh/h]	0	0	0	593	1087	0
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.01	0.01	0.00
d_M, Delay for Movement [s/veh]	31.73	12.45	10.65	0.00	0.00	0.00
Movement LOS	D	B	B	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	22.09		0.00		0.00	
Approach LOS	C		A		A	
d_I, Intersection Delay [s/veh]	0.00					
Intersection LOS	A					

SGV Aquatics Center

Vistro File: J:\...\SGV Puente Aqua TIS-v4_NEW.vistro
Report File: J:\...\Fut_No_Proj_PMv2.pdf

Scenario 7 Fut_NO_PROJ_PM
11/17/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	California Ave / Amar Rd	Signalized	HCM 6th Edition	NB Thru	0.690	57.3	E
2	California Ave / Giordano St	All-way stop	HCM 6th Edition	SB Thru	0.447	10.0	B
3	Sunset Ave / Temple Ave	Signalized	HCM 6th Edition	NB Right	0.921	99.7	F
4	California Ave / Temple Ave	Signalized	HCM 6th Edition	NB Thru	0.590	37.1	D
5	Site Driveway Intersection	Two-way stop	HCM 6th Edition	EB Thru	0.012	0.0	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: California Ave / Amar Rd

Control Type:	Signalized	Delay (sec / veh):	57.3
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.690

Intersection Setup

Name	California			California			Amar			Amar		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	115.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Amar			Amar		
Base Volume Input [veh/h]	42	200	59	66	105	69	52	1298	36	27	978	86
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	1	0	0	0	0	1	0	1	0	1	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	44	206	61	68	108	72	54	1338	37	29	1008	89
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	11	52	15	17	27	18	14	335	9	7	252	22
Total Analysis Volume [veh/h]	44	206	61	68	108	72	54	1338	37	29	1008	89
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	85.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	8.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis
Signal Group	0	4	0	0	4	0	0	2	0	0	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	9	0	0	9	0	0	10	0	0	10	0
Maximum Green [s]	0	17	0	0	17	0	0	92	0	0	92	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	0.0	5.0	0.0	0.0	5.0	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0
Split [s]	0	22	0	0	22	0	0	98	0	0	98	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	4.5	0.0	0.0	4.5	0.0
Walk [s]	0	9	0	0	9	0	0	8	0	0	8	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	14	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.5	0.0	0.0	3.5	0.0
Minimum Recall		No			No			Yes			Yes	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	R	L	C	R
C, Cycle Length [s]	130	130	130	130	130	130	130	130
L, Total Lost Time per Cycle [s]	5.00	5.00	5.50	5.50	5.50	5.50	5.50	5.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00	0.00	0.00	2.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50
g_i, Effective Green Time [s]	17	17	91	91	91	91	91	91
g / C, Green / Cycle	0.13	0.13	0.70	0.70	0.70	0.70	0.70	0.70
(v / s)_i Volume / Saturation Flow Rate	0.22	0.23	0.11	0.42	0.03	0.08	0.31	0.06
s, saturation flow rate [veh/h]	1428	1080	503	3204	1431	368	3204	1431
c, Capacity [veh/h]	218	177	331	2243	1001	228	2243	1001
d1, Uniform Delay [s]	57.53	57.86	14.95	10.04	6.01	19.86	8.53	6.24
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	215.64	212.53	1.06	1.18	0.07	1.15	0.65	0.18
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	1.42	1.40	0.16	0.60	0.04	0.13	0.45	0.09
d, Delay for Lane Group [s/veh]	273.17	270.39	16.01	11.22	6.07	21.00	9.19	6.41
Lane Group LOS	F	F	B	B	A	C	A	A
Critical Lane Group	No	Yes	No	Yes	No	No	No	No
50th-Percentile Queue Length [veh/ln]	20.33	16.29	0.91	9.50	0.32	0.58	6.05	0.80
50th-Percentile Queue Length [ft/ln]	508.21	407.17	22.81	237.44	8.03	14.62	151.21	20.08
95th-Percentile Queue Length [veh/ln]	31.74	26.03	1.64	14.55	0.58	1.05	10.08	1.45
95th-Percentile Queue Length [ft/ln]	793.50	650.66	41.07	363.79	14.45	26.32	252.05	36.14

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	273.17	273.17	273.17	270.39	270.39	270.39	16.01	11.22	6.07	21.00	9.19	6.41
Movement LOS	F	F	F	F	F	F	B	B	A	C	A	A
d_A, Approach Delay [s/veh]	273.17			270.39			11.27			9.27		
Approach LOS	F			F			B			A		
d_I, Intersection Delay [s/veh]	57.34											
Intersection LOS	E											
Intersection V/C	0.690											

Other Modes

g_Walk,mi, Effective Walk Time [s]	12.0	12.0	13.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	53.55	53.55	52.65	52.65
l_p,int, Pedestrian LOS Score for Intersection	2.009	2.100	2.947	2.987
Crosswalk LOS	B	B	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	262	262	1400	1400
d_b, Bicycle Delay [s]	49.11	49.11	5.85	5.85
l_b,int, Bicycle LOS Score for Intersection	2.073	1.969	2.739	2.489
Bicycle LOS	B	A	B	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 2: California Ave / Giordano St

Control Type:	All-way stop	Delay (sec / veh):	10.0
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.447

Intersection Setup

Name	California			California			Giordano			Giordano		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Giordano			Giordano		
Base Volume Input [veh/h]	27	155	14	11	329	15	14	18	19	7	19	12
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	1	2	1	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	28	161	16	12	339	15	14	19	20	7	20	12
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	7	40	4	3	85	4	4	5	5	2	5	3
Total Analysis Volume [veh/h]	28	161	16	12	339	15	14	19	20	7	20	12
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	790	819	704	698
Degree of Utilization, x	0.26	0.45	0.08	0.06

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.04	2.33	0.24	0.18
95th-Percentile Queue Length [ft]	25.92	58.16	6.09	4.43
Approach Delay [s/veh]	9.15	10.89	8.53	8.47
Approach LOS	A	B	A	A
Intersection Delay [s/veh]	10.02			
Intersection LOS	B			

Intersection Level Of Service Report
Intersection 3: Sunset Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	99.7
Analysis Method:	HCM 6th Edition	Level Of Service:	F
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.921

Intersection Setup

Name	Sunset			Sunset			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right2	Left2	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	155.00	100.00	100.00	150.00	100.00	100.00	195.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sunset			Sunset			Temple			Temple		
Base Volume Input [veh/h]	211	1267	211	104	794	160	207	825	133	83	466	107
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	4	4	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	217	1309	221	107	818	165	213	850	137	85	480	110
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	54	327	55	27	205	41	53	213	34	21	120	28
Total Analysis Volume [veh/h]	217	1309	221	107	818	165	213	850	137	85	480	110
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	94.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	16.00

Phasing & Timing

Control Type	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	9	8	0	9	8	0	9	8	0	9	8	0
Maximum Green [s]	30	30	0	30	30	0	30	30	0	30	30	0
Amber [s]	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	16	80	0	16	80	0	24	80	0	24	80	0
Vehicle Extension [s]	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0
Walk [s]	0	9	0	0	8	0	0	10	0	0	10	0
Pedestrian Clearance [s]	0	19	0	0	18	0	0	22	0	0	24	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall	No	Yes		No	Yes		No	No		No	No	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	C	L	C	C
C, Cycle Length [s]	200	200	200	200	200	200	200	200	200	200	200	200
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	92	76	76	92	76	76	100	76	76	100	76	76
g / C, Green / Cycle	0.46	0.38	0.38	0.46	0.38	0.38	0.50	0.38	0.38	0.50	0.38	0.38
(v / s)_i Volume / Saturation Flow Rate	0.32	0.46	0.47	0.21	0.30	0.30	0.23	0.30	0.30	0.11	0.18	0.18
s, saturation flow rate [veh/h]	681	1683	1601	503	1683	1586	933	1683	1603	753	1683	1576
c, Capacity [veh/h]	228	640	608	167	640	603	416	640	609	292	640	599
d1, Uniform Delay [s]	57.34	62.00	62.00	49.32	54.96	54.98	31.48	54.92	54.98	34.93	46.91	46.97
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	48.59	107.54	124.06	17.26	9.66	10.23	4.45	9.59	10.13	2.52	2.52	2.72
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.95	1.21	1.25	0.64	0.79	0.79	0.51	0.79	0.79	0.29	0.48	0.48
d, Delay for Lane Group [s/veh]	105.94	169.54	186.06	66.58	64.62	65.21	35.93	64.50	65.11	37.45	49.43	49.69
Lane Group LOS	F	F	F	E	E	E	D	E	E	D	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	No	No	Yes	Yes	No	No
50th-Percentile Queue Length [veh/ln]	9.88	51.66	51.92	3.91	24.54	23.25	6.63	24.47	23.47	2.44	12.15	11.49
50th-Percentile Queue Length [ft/ln]	246.98	1291.4	1298.0	97.77	613.52	581.27	165.73	611.73	586.84	60.96	303.69	287.23
95th-Percentile Queue Length [veh/ln]	15.03	72.06	73.64	7.04	32.67	31.16	10.85	32.58	31.42	4.39	17.86	17.05
95th-Percentile Queue Length [ft/ln]	375.84	1801.4	1841.1	175.99	816.63	778.97	271.29	814.54	785.48	109.73	446.58	426.21

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	105.94	176.32	186.06	66.58	64.84	65.21	35.93	64.75	65.11	37.45	49.52	49.69
Movement LOS	F	F	F	E	E	E	D	E	E	D	D	D
d_A, Approach Delay [s/veh]	168.81			65.07			59.68			48.03		
Approach LOS	F			E			E			D		
d_I, Intersection Delay [s/veh]	99.72											
Intersection LOS	F											
Intersection V/C	0.921											

Other Modes

g_Walk,mi, Effective Walk Time [s]	14.0	14.0	12.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	86.49	86.49	88.36	87.42
I_p,int, Pedestrian LOS Score for Intersection	2.927	2.985	2.865	2.757
Crosswalk LOS	C	C	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	760	760	760	760
d_b, Bicycle Delay [s]	38.44	38.44	38.44	38.44
I_b,int, Bicycle LOS Score for Intersection	3.001	2.459	2.550	2.116
Bicycle LOS	C	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 4: California Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	37.1
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.590

Intersection Setup

Name	California			California			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	120.00	100.00	100.00	130.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Temple			Temple		
Base Volume Input [veh/h]	35	197	55	29	112	25	53	1062	30	34	587	34
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	2	1	0	0	0	1
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	36	203	57	30	115	26	57	1095	31	35	605	36
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	9	51	14	8	29	7	14	274	8	9	151	9
Total Analysis Volume [veh/h]	36	203	57	30	115	26	57	1095	31	35	605	36
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	85.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	0	4	0	0	4	0	1	6	0	5	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	8	0	0	8	0	4	13	0	5	14	0
Maximum Green [s]	0	0	0	0	0	0	0	0	0	0	0	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	3.0	4.5	0.0	3.0	4.5	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Split [s]	0	43	0	0	43	0	28	61	0	28	61	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	4.0	0.0	1.5	4.0	0.0
Walk [s]	0	12	0	0	12	0	0	11	0	0	11	0
Pedestrian Clearance [s]	0	18	0	0	18	0	0	13	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	2.5	0.0	1.5	2.5	0.0
Minimum Recall		No			No		No	Yes		No	Yes	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	132	132	132	132	132	132	132	132
L, Total Lost Time per Cycle [s]	5.00	5.00	4.50	4.50	4.50	4.50	4.50	4.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	0.00	2.50	2.50	0.00	2.50	2.50
g_i, Effective Green Time [s]	38	38	85	57	57	85	57	57
g / C, Green / Cycle	0.29	0.29	0.64	0.43	0.43	0.64	0.43	0.43
(v / s)_i Volume / Saturation Flow Rate	0.19	0.12	0.06	0.34	0.34	0.04	0.19	0.19
s, saturation flow rate [veh/h]	1572	1410	984	1683	1667	805	1683	1650
c, Capacity [veh/h]	483	438	612	720	713	464	720	706
d1, Uniform Delay [s]	40.95	37.41	10.20	32.52	32.53	14.74	26.73	26.74
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	5.70	2.61	0.30	8.40	8.49	0.32	2.02	2.07
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.61	0.39	0.09	0.79	0.79	0.08	0.45	0.45
d, Delay for Lane Group [s/veh]	46.65	40.02	10.50	40.92	41.02	15.06	28.75	28.80
Lane Group LOS	D	D	B	D	D	B	C	C
Critical Lane Group	Yes	No	No	No	Yes	Yes	No	No
50th-Percentile Queue Length [veh/ln]	9.19	4.76	0.66	17.09	16.95	0.41	7.64	7.52
50th-Percentile Queue Length [ft/ln]	229.79	119.08	16.52	427.27	423.85	10.24	191.11	188.00
95th-Percentile Queue Length [veh/ln]	14.16	8.34	1.19	23.87	23.71	0.74	12.18	12.02
95th-Percentile Queue Length [ft/ln]	354.09	208.57	29.73	596.77	592.67	18.44	304.47	300.43

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	46.65	46.65	46.65	40.02	40.02	40.02	10.50	40.97	41.02	15.06	28.77	28.80
Movement LOS	D	D	D	D	D	D	B	D	D	B	C	C
d_A, Approach Delay [s/veh]	46.65			40.02			39.50			28.07		
Approach LOS	D			D			D			C		
d_I, Intersection Delay [s/veh]	37.13											
Intersection LOS	D											
Intersection V/C	0.590											

Other Modes

g_Walk,mi, Effective Walk Time [s]	15.0	15.0	16.0	16.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	51.85	51.85	50.97	50.97
I_p,int, Pedestrian LOS Score for Intersection	1.985	1.994	2.727	2.720
Crosswalk LOS	A	A	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	576	576	856	856
d_b, Bicycle Delay [s]	33.47	33.47	21.59	21.59
I_b,int, Bicycle LOS Score for Intersection	2.048	1.842	2.536	2.117
Bicycle LOS	B	A	B	B

Sequence

Ring 1	1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Site Driveway Intersection

Control Type:	Two-way stop	Delay (sec / veh):	0.0
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.012

Intersection Setup

Name	Site Driveway		Temple		Temple	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Site Driveway		Temple		Temple	
Base Volume Input [veh/h]	0	0	0	1140	647	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	3	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	0	0	0	1177	666	0
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	0	0	0	294	167	0
Total Analysis Volume [veh/h]	0	0	0	1177	666	0
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

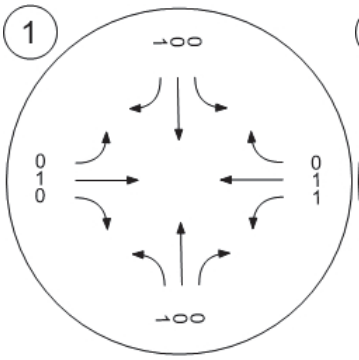
Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.00	0.00	0.00	0.01	0.01	0.00
d_M, Delay for Movement [s/veh]	26.99	10.43	8.92	0.00	0.00	0.00
Movement LOS	D	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.00	0.00	0.00	0.00	0.00	0.00
95th-Percentile Queue Length [ft/ln]	0.00	0.00	0.00	0.00	0.00	0.00
d_A, Approach Delay [s/veh]	18.71		0.00		0.00	
Approach LOS	C		A		A	
d_I, Intersection Delay [s/veh]	0.00					
Intersection LOS	A					

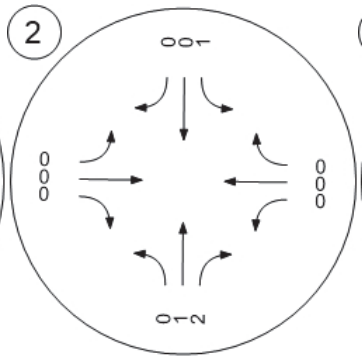
Report Figure 7209074d: Traffic Volume - Net New Site Trips



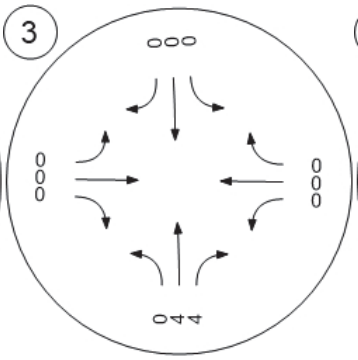
California Ave / Amar Rd



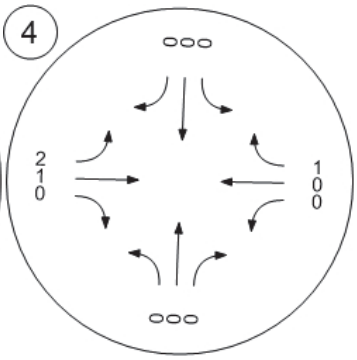
California Ave / Giordano St



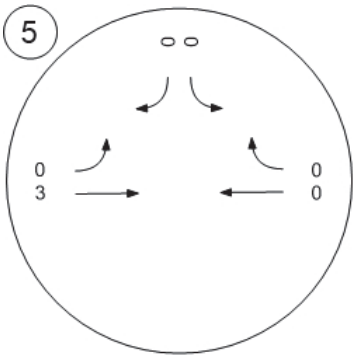
Sunset Ave / Temple Ave



California Ave / Temple Ave



Site Driveway Intersection



APPENDIX F
Future Post-Project LOS Worksheets

SGV Aquatics Center

Vistro File: J:\...\SGV Puente Aqua TIS-v4_NEW.vistro
Report File: J:\...\FutSatMD_W_PROJv2.pdf

Scenario 12 FutSatMD_W_PROJ
11/17/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	California Ave / Amar Rd	Signalized	HCM 6th Edition	SB Thru	0.669	40.8	D
2	California Ave / Giordano St	All-way stop	HCM 6th Edition	NB Thru	0.270	8.6	A
3	Sunset Ave / Temple Ave	Signalized	HCM 6th Edition	NB Right	0.734	60.0	E
4	California Ave / Temple Ave	Signalized	HCM 6th Edition	NB Thru	0.425	32.1	C
5	Site Driveway Intersection	Two-way stop	HCM 6th Edition	SB Left	0.008	8.7	A

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: California Ave / Amar Rd

Control Type:	Signalized	Delay (sec / veh):	40.8
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.669

Intersection Setup

Name	California			California			Amar			Amar		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	115.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Amar			Amar		
Base Volume Input [veh/h]	24	128	47	82	101	47	64	1071	23	53	1152	82
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	2	1	1	0	2	1	0	1	1	2	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	27	133	49	84	106	49	66	1104	25	57	1188	84
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	7	33	12	21	27	12	17	276	6	14	297	21
Total Analysis Volume [veh/h]	27	133	49	84	106	49	66	1104	25	57	1188	84
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	7.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	8.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis
Signal Group	0	4	0	0	4	0	0	2	0	0	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	9	0	0	9	0	0	10	0	0	10	0
Maximum Green [s]	0	17	0	0	17	0	0	92	0	0	92	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	0.0	5.0	0.0	0.0	5.0	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0
Split [s]	0	22	0	0	22	0	0	98	0	0	98	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	4.5	0.0	0.0	4.5	0.0
Walk [s]	0	9	0	0	9	0	0	8	0	0	8	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	14	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.5	0.0	0.0	3.5	0.0
Minimum Recall		No			No			Yes			Yes	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	R	L	C	R
C, Cycle Length [s]	130	130	130	130	130	130	130	130
L, Total Lost Time per Cycle [s]	5.00	5.00	5.50	5.50	5.50	5.50	5.50	5.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00	0.00	0.00	2.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50
g_i, Effective Green Time [s]	17	17	91	91	91	91	91	91
g / C, Green / Cycle	0.13	0.13	0.70	0.70	0.70	0.70	0.70	0.70
(v / s)_i Volume / Saturation Flow Rate	0.14	0.26	0.16	0.34	0.02	0.12	0.37	0.06
s, saturation flow rate [veh/h]	1512	931	424	3204	1431	459	3204	1431
c, Capacity [veh/h]	229	159	271	2243	1001	297	2243	1001
d1, Uniform Delay [s]	56.79	58.21	18.64	8.92	5.95	16.61	9.30	6.21
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	40.45	255.54	2.13	0.78	0.05	1.43	0.90	0.16
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.91	1.50	0.24	0.49	0.02	0.19	0.53	0.08
d, Delay for Lane Group [s/veh]	97.24	313.75	20.77	9.70	6.00	18.04	10.20	6.38
Lane Group LOS	F	F	C	A	A	B	B	A
Critical Lane Group	No	Yes	No	No	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	9.49	16.59	1.32	6.94	0.22	1.04	7.78	0.76
50th-Percentile Queue Length [ft/ln]	237.13	414.71	33.09	173.39	5.38	26.05	194.60	18.88
95th-Percentile Queue Length [veh/ln]	14.54	26.89	2.38	11.25	0.39	1.88	12.36	1.36
95th-Percentile Queue Length [ft/ln]	363.40	672.36	59.56	281.37	9.68	46.89	308.99	33.98

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	97.24	97.24	97.24	313.75	313.75	313.75	20.77	9.70	6.00	18.04	10.20	6.38
Movement LOS	F	F	F	F	F	F	C	A	A	B	B	A
d_A, Approach Delay [s/veh]	97.24			313.75			10.23			10.29		
Approach LOS	F			F			B			B		
d_I, Intersection Delay [s/veh]	40.79											
Intersection LOS	D											
Intersection V/C	0.669											

Other Modes

g_Walk,mi, Effective Walk Time [s]	12.0	12.0	13.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	53.55	53.55	52.65	52.65
l_p,int, Pedestrian LOS Score for Intersection	2.006	2.080	2.907	3.006
Crosswalk LOS	B	B	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	262	262	1400	1400
d_b, Bicycle Delay [s]	49.11	49.11	5.85	5.85
l_b,int, Bicycle LOS Score for Intersection	1.904	1.954	2.545	2.656
Bicycle LOS	A	A	B	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 2: California Ave / Giordano St

Control Type:	All-way stop	Delay (sec / veh):	8.6
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.270

Intersection Setup

Name	California			California			Giordano			Giordano		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Giordano			Giordano		
Base Volume Input [veh/h]	20	168	21	20	118	23	24	9	21	20	9	24
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	5	2	1	4	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	21	178	24	22	126	24	25	9	22	21	9	25
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	5	45	6	6	32	6	6	2	6	5	2	6
Total Analysis Volume [veh/h]	21	178	24	22	126	24	25	9	22	21	9	25
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	827	820	758	765
Degree of Utilization, x	0.27	0.21	0.07	0.07

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.09	0.79	0.24	0.23
95th-Percentile Queue Length [ft]	27.29	19.73	5.97	5.79
Approach Delay [s/veh]	8.95	8.56	8.13	8.07
Approach LOS	A	A	A	A
Intersection Delay [s/veh]	8.63			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 3: Sunset Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	60.0
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.734

Intersection Setup

Name	Sunset			Sunset			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right2	Left2	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	155.00	100.00	100.00	150.00	100.00	100.00	195.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sunset			Sunset			Temple			Temple		
Base Volume Input [veh/h]	134	922	114	118	795	183	238	585	127	125	522	129
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	4	7	2	0	0	0	3	0	3	2	2
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	138	954	124	124	819	188	245	606	131	132	540	135
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	35	239	31	31	205	47	61	152	33	33	135	34
Total Analysis Volume [veh/h]	138	954	124	124	819	188	245	606	131	132	540	135
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	95.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	16.00

Phasing & Timing

Control Type	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	9	8	0	9	8	0	9	8	0	9	8	0
Maximum Green [s]	30	30	0	30	30	0	30	30	0	30	30	0
Amber [s]	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	16	80	0	16	80	0	24	80	0	24	80	0
Vehicle Extension [s]	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0
Walk [s]	0	9	0	0	8	0	0	10	0	0	10	0
Pedestrian Clearance [s]	0	19	0	0	18	0	0	22	0	0	24	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall	No	Yes		No	Yes		No	No		No	No	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	C	L	C	C
C, Cycle Length [s]	200	200	200	200	200	200	200	200	200	200	200	200
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	92	76	76	92	76	76	100	76	76	100	76	76
g / C, Green / Cycle	0.46	0.38	0.38	0.46	0.38	0.38	0.50	0.38	0.38	0.50	0.38	0.38
(v / s)_i Volume / Saturation Flow Rate	0.21	0.33	0.33	0.19	0.31	0.31	0.28	0.23	0.23	0.15	0.21	0.21
s, saturation flow rate [veh/h]	671	1683	1616	643	1683	1576	889	1683	1581	859	1683	1568
c, Capacity [veh/h]	221	640	614	206	640	599	385	640	601	364	640	596
d1, Uniform Delay [s]	42.52	57.06	57.13	43.84	55.61	55.65	33.62	49.65	49.65	31.35	48.50	48.52
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	12.64	14.03	14.70	12.38	10.81	11.55	7.84	4.03	4.29	2.79	3.33	3.58
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.62	0.86	0.86	0.60	0.81	0.81	0.64	0.59	0.59	0.36	0.55	0.55
d, Delay for Lane Group [s/veh]	55.16	71.09	71.83	56.22	66.42	67.21	41.46	53.69	53.94	34.14	51.83	52.11
Lane Group LOS	E	E	E	E	E	E	D	D	D	C	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	4.87	28.22	27.31	4.35	25.65	24.19	8.04	16.21	15.27	3.86	14.49	13.58
50th-Percentile Queue Length [ft/ln]	121.74	705.62	682.73	108.81	641.18	604.75	200.92	405.25	381.67	96.56	362.27	339.46
95th-Percentile Queue Length [veh/ln]	8.49	36.94	35.88	7.77	33.95	32.26	12.69	22.81	21.67	6.95	20.73	19.62
95th-Percentile Queue Length [ft/ln]	212.22	923.44	896.98	194.34	848.82	806.40	317.15	570.32	541.87	173.82	518.34	490.54

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	55.16	71.40	71.83	56.22	66.71	67.21	41.46	53.78	53.94	34.14	51.93	52.11
Movement LOS	E	E	E	E	E	E	D	D	D	C	D	D
d_A, Approach Delay [s/veh]	69.60			65.64			50.73			49.05		
Approach LOS	E			E			D			D		
d_I, Intersection Delay [s/veh]	60.03											
Intersection LOS	E											
Intersection V/C	0.734											

Other Modes

g_Walk,mi, Effective Walk Time [s]	14.0	14.0	12.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	86.49	86.49	88.36	87.42
l_p,int, Pedestrian LOS Score for Intersection	2.857	2.953	2.774	2.729
Crosswalk LOS	C	C	C	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	760	760	760	760
d_b, Bicycle Delay [s]	38.44	38.44	38.44	38.44
l_b,int, Bicycle LOS Score for Intersection	2.563	2.493	2.370	2.225
Bicycle LOS	B	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 4: California Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	32.1
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.425

Intersection Setup

Name	California			California			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	120.00	100.00	100.00	130.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Temple			Temple		
Base Volume Input [veh/h]	44	108	33	40	92	38	50	748	36	27	684	34
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	3	0	0	0	0	4	6	3	3	0	3	1
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	48	111	34	41	95	43	58	773	40	28	708	36
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	12	28	9	10	24	11	15	193	10	7	177	9
Total Analysis Volume [veh/h]	48	111	34	41	95	43	58	773	40	28	708	36
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	7.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	0	4	0	0	4	0	1	6	0	5	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	8	0	0	8	0	4	13	0	5	14	0
Maximum Green [s]	0	0	0	0	0	0	0	0	0	0	0	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	3.0	4.5	0.0	3.0	4.5	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Split [s]	0	43	0	0	43	0	28	61	0	28	61	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	4.0	0.0	1.5	4.0	0.0
Walk [s]	0	12	0	0	12	0	0	11	0	0	11	0
Pedestrian Clearance [s]	0	18	0	0	18	0	0	13	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	2.5	0.0	1.5	2.5	0.0
Minimum Recall		No			No		No	Yes		No	Yes	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	132	132	132	132	132	132	132	132
L, Total Lost Time per Cycle [s]	5.00	5.00	4.50	4.50	4.50	4.50	4.50	4.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	0.00	2.50	2.50	0.00	2.50	2.50
g_i, Effective Green Time [s]	38	38	85	57	57	85	57	57
g / C, Green / Cycle	0.29	0.29	0.64	0.43	0.43	0.64	0.43	0.43
(v / s)_i Volume / Saturation Flow Rate	0.13	0.12	0.06	0.24	0.24	0.03	0.22	0.22
s, saturation flow rate [veh/h]	1455	1450	939	1683	1654	911	1683	1654
c, Capacity [veh/h]	453	451	574	720	708	551	720	708
d1, Uniform Delay [s]	38.29	37.83	10.82	28.55	28.55	11.05	27.78	27.79
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	2.92	2.60	0.35	3.25	3.30	0.17	2.68	2.73
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.43	0.40	0.10	0.57	0.57	0.05	0.52	0.52
d, Delay for Lane Group [s/veh]	41.21	40.44	11.17	31.79	31.85	11.22	30.46	30.52
Lane Group LOS	D	D	B	C	C	B	C	C
Critical Lane Group	Yes	No	No	No	Yes	Yes	No	No
50th-Percentile Queue Length [veh/ln]	5.53	5.05	0.68	10.45	10.29	0.32	9.27	9.13
50th-Percentile Queue Length [ft/ln]	138.16	126.20	16.91	261.35	257.19	8.01	231.63	228.16
95th-Percentile Queue Length [veh/ln]	9.38	8.73	1.22	15.76	15.55	0.58	14.26	14.08
95th-Percentile Queue Length [ft/ln]	234.54	218.32	30.45	393.91	388.70	14.43	356.43	352.01

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	41.21	41.21	41.21	40.44	40.44	40.44	11.17	31.82	31.85	11.22	30.49	30.52
Movement LOS	D	D	D	D	D	D	B	C	C	B	C	C
d_A, Approach Delay [s/veh]	41.21			40.44			30.45			29.79		
Approach LOS	D			D			C			C		
d_I, Intersection Delay [s/veh]	32.11											
Intersection LOS	C											
Intersection V/C	0.425											

Other Modes

g_Walk,mi, Effective Walk Time [s]	15.0	15.0	16.0	16.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	51.85	51.85	50.97	50.97
I_p,int, Pedestrian LOS Score for Intersection	1.922	1.954	2.709	2.689
Crosswalk LOS	A	A	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	576	576	856	856
d_b, Bicycle Delay [s]	33.47	33.47	21.59	21.59
I_b,int, Bicycle LOS Score for Intersection	1.878	1.855	2.278	2.197
Bicycle LOS	A	A	B	B

Sequence

Ring 1	1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Site Driveway Intersection

Control Type:	Two-way stop	Delay (sec / veh):	8.7
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.008

Intersection Setup

Name	Site Driveway		Temple		Temple	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Site Driveway		Temple		Temple	
Base Volume Input [veh/h]	0	0	0	0	0	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	8	6	8	3	0	10
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	8	6	8	3	0	10
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	2	2	2	1	0	3
Total Analysis Volume [veh/h]	8	6	8	3	0	10
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

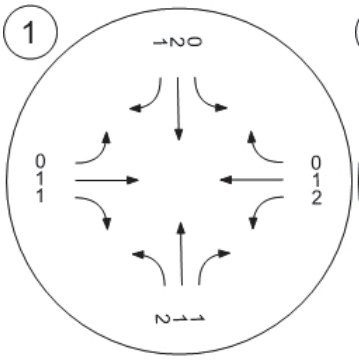
Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.01	0.01	0.00	0.00	0.00	0.00
d_M, Delay for Movement [s/veh]	8.70	8.39	7.25	0.00	0.00	0.00
Movement LOS	A	A	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.04	0.04	0.01	0.01	0.00	0.00
95th-Percentile Queue Length [ft/ln]	1.04	1.04	0.37	0.19	0.00	0.00
d_A, Approach Delay [s/veh]	8.57		5.27		0.00	
Approach LOS	A		A		A	
d_I, Intersection Delay [s/veh]	5.08					
Intersection LOS	A					

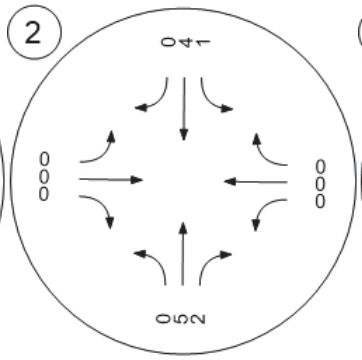
Report Figure 7209074d: Traffic Volume - Net New Site Trips



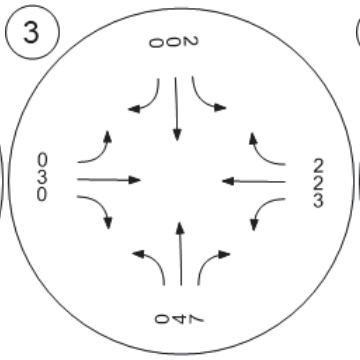
California Ave / Amar Rd



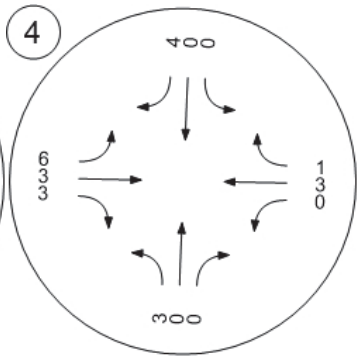
California Ave / Giordano St



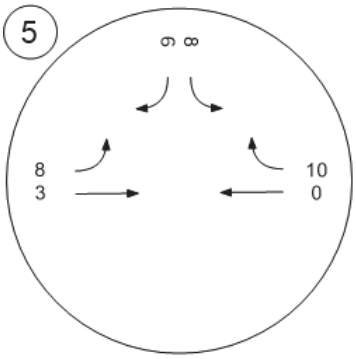
Sunset Ave / Temple Ave



California Ave / Temple Ave



Site Driveway Intersection



SGV Aquatics Center

Vistro File: J:\...\SGV Puente Aqua TIS-v4_NEW.vistro
Report File: J:\...\Fut_W_Proj_AMv2.pdf

Scenario 8 Fut_W_PROJ_AM
11/17/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	California Ave / Amar Rd	Signalized	HCM 6th Edition	SB Thru	0.665	29.5	C
2	California Ave / Giordano St	All-way stop	HCM 6th Edition	NB Thru	0.151	7.9	A
3	Sunset Ave / Temple Ave	Signalized	HCM 6th Edition	SB Right	0.847	70.5	E
4	California Ave / Temple Ave	Signalized	HCM 6th Edition	SB Thru	0.465	34.2	C
5	Site Driveway Intersection	Two-way stop	HCM 6th Edition	SB Left	0.073	36.1	E

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: California Ave / Amar Rd

Control Type:	Signalized	Delay (sec / veh):	29.5
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.665

Intersection Setup

Name	California			California			Amar			Amar		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	115.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Amar			Amar		
Base Volume Input [veh/h]	28	88	20	82	79	48	42	605	8	17	1321	45
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	1	1	2	0	4	0	1	1	3	2	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	30	92	23	84	85	49	44	624	11	20	1362	46
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	8	23	6	21	21	12	11	156	3	5	341	12
Total Analysis Volume [veh/h]	30	92	23	84	85	49	44	624	11	20	1362	46
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	77.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	8.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis
Signal Group	0	4	0	0	4	0	0	2	0	0	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	9	0	0	9	0	0	10	0	0	10	0
Maximum Green [s]	0	17	0	0	17	0	0	92	0	0	92	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	0.0	5.0	0.0	0.0	5.0	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0
Split [s]	0	22	0	0	22	0	0	98	0	0	98	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	4.5	0.0	0.0	4.5	0.0
Walk [s]	0	9	0	0	9	0	0	8	0	0	8	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	14	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.5	0.0	0.0	3.5	0.0
Minimum Recall		No			No			Yes			Yes	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	R	L	C	R
C, Cycle Length [s]	130	130	130	130	130	130	130	130
L, Total Lost Time per Cycle [s]	5.00	5.00	5.50	5.50	5.50	5.50	5.50	5.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00	0.00	0.00	2.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50
g_i, Effective Green Time [s]	17	17	91	91	91	91	91	91
g / C, Green / Cycle	0.13	0.13	0.70	0.70	0.70	0.70	0.70	0.70
(v / s)_i Volume / Saturation Flow Rate	0.10	0.20	0.12	0.19	0.01	0.03	0.43	0.03
s, saturation flow rate [veh/h]	1449	1097	359	3204	1431	721	3204	1431
c, Capacity [veh/h]	223	182	222	2243	1001	496	2243	1001
d1, Uniform Delay [s]	54.20	58.39	21.37	7.26	5.90	10.06	10.17	6.04
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	13.82	130.60	2.00	0.31	0.02	0.15	1.23	0.09
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.65	1.20	0.20	0.28	0.01	0.04	0.61	0.05
d, Delay for Lane Group [s/veh]	68.02	188.99	23.37	7.57	5.92	10.21	11.41	6.13
Lane Group LOS	E	F	C	A	A	B	B	A
Critical Lane Group	No	Yes	No	No	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	5.43	12.63	0.95	3.18	0.09	0.25	9.80	0.40
50th-Percentile Queue Length [ft/ln]	135.87	315.85	23.78	79.40	2.34	6.25	244.98	10.05
95th-Percentile Queue Length [veh/ln]	9.26	19.90	1.71	5.72	0.17	0.45	14.93	0.72
95th-Percentile Queue Length [ft/ln]	231.45	497.44	42.80	142.93	4.22	11.24	373.32	18.08

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	68.02	68.02	68.02	188.99	188.99	188.99	23.37	7.57	5.92	10.21	11.41	6.13
Movement LOS	E	E	E	F	F	F	C	A	A	B	B	A
d_A, Approach Delay [s/veh]	68.02			188.99			8.57			11.22		
Approach LOS	E			F			A			B		
d_I, Intersection Delay [s/veh]	29.52											
Intersection LOS	C											
Intersection V/C	0.665											

Other Modes

g_Walk,mi, Effective Walk Time [s]	12.0	12.0	13.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	53.55	53.55	52.65	52.65
l_p,int, Pedestrian LOS Score for Intersection	1.887	1.989	2.856	2.939
Crosswalk LOS	A	A	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	262	262	1400	1400
d_b, Bicycle Delay [s]	49.11	49.11	5.85	5.85
l_b,int, Bicycle LOS Score for Intersection	1.799	1.919	2.120	2.738
Bicycle LOS	A	A	B	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 2: California Ave / Giordano St

Control Type:	All-way stop	Delay (sec / veh):	7.9
Analysis Method:	HCM 6th Edition	Level Of Service:	A
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.151

Intersection Setup

Name	California			California			Giordano			Giordano		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Giordano			Giordano		
Base Volume Input [veh/h]	10	94	2	4	96	15	30	9	26	6	21	21
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	3	0	0	9	0	0	0	1	3	0	1
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	10	100	2	4	108	15	31	9	28	9	22	23
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	25	1	1	27	4	8	2	7	2	6	6
Total Analysis Volume [veh/h]	10	100	2	4	108	15	31	9	28	9	22	23
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	826	843	822	831
Degree of Utilization, x	0.14	0.15	0.08	0.06

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.47	0.53	0.27	0.21
95th-Percentile Queue Length [ft]	11.70	13.23	6.75	5.20
Approach Delay [s/veh]	8.04	8.03	7.77	7.63
Approach LOS	A	A	A	A
Intersection Delay [s/veh]	7.92			
Intersection LOS	A			

Intersection Level Of Service Report
Intersection 3: Sunset Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	70.5
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.847

Intersection Setup

Name	Sunset			Sunset			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right2	Left2	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	155.00	100.00	100.00	150.00	100.00	100.00	190.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sunset			Sunset			Temple			Temple		
Base Volume Input [veh/h]	120	591	57	93	1106	143	136	426	159	133	829	85
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	6	4	4	0	0	5	0	7	3	2
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	124	609	65	100	1143	147	140	444	164	144	857	90
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	31	152	16	25	286	37	35	111	41	36	214	23
Total Analysis Volume [veh/h]	124	609	65	100	1143	147	140	444	164	144	857	90
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	94.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	16.00

Phasing & Timing

Control Type	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	9	8	0	9	8	0	9	8	0	9	8	0
Maximum Green [s]	30	30	0	30	30	0	30	30	0	30	30	0
Amber [s]	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	16	80	0	16	80	0	24	80	0	24	80	0
Vehicle Extension [s]	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0
Walk [s]	0	9	0	0	8	0	0	10	0	0	10	0
Pedestrian Clearance [s]	0	19	0	0	18	0	0	22	0	0	24	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall	No	Yes		No	Yes		No	No		No	No	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	C	L	C	C
C, Cycle Length [s]	200	200	200	200	200	200	200	200	200	200	200	200
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	92	76	76	92	76	76	100	76	76	100	76	76
g / C, Green / Cycle	0.46	0.38	0.38	0.46	0.38	0.38	0.50	0.38	0.38	0.50	0.38	0.38
(v / s)_i Volume / Saturation Flow Rate	0.22	0.20	0.20	0.12	0.39	0.39	0.18	0.19	0.19	0.16	0.29	0.29
s, saturation flow rate [veh/h]	570	1683	1627	827	1683	1617	768	1683	1530	923	1683	1627
c, Capacity [veh/h]	168	640	618	323	640	614	304	640	582	407	640	618
d1, Uniform Delay [s]	54.86	48.26	48.28	34.05	62.00	62.00	35.77	47.38	47.44	30.09	53.84	53.85
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	24.88	3.20	3.31	2.47	42.12	44.94	4.97	2.75	3.04	2.40	7.99	8.26
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.74	0.54	0.54	0.31	1.03	1.03	0.46	0.50	0.50	0.35	0.75	0.75
d, Delay for Lane Group [s/veh]	79.74	51.46	51.59	36.52	104.12	106.94	40.73	50.13	50.48	32.49	61.83	62.11
Lane Group LOS	E	D	D	D	F	F	D	D	D	C	E	E
Critical Lane Group	Yes	No	No	No	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	4.81	14.14	13.71	3.11	40.04	38.95	4.24	12.85	11.80	4.21	22.69	22.01
50th-Percentile Queue Length [ft/ln]	120.15	353.54	342.66	77.85	1000.9	973.64	105.94	321.19	294.96	105.24	567.37	550.16
95th-Percentile Queue Length [veh/ln]	8.40	20.31	19.78	5.61	51.38	50.39	7.61	18.73	17.43	7.57	30.51	29.70
95th-Percentile Queue Length [ft/ln]	210.03	507.73	494.46	140.13	1284.4	1259.6	190.34	468.14	435.79	189.36	762.69	742.50

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	79.74	51.52	51.59	36.52	105.32	106.94	40.73	50.23	50.48	32.49	61.95	62.11
Movement LOS	E	D	D	D	F	F	D	D	D	C	E	E
d_A, Approach Delay [s/veh]	55.91			100.54			48.51			58.07		
Approach LOS	E			F			D			E		
d_I, Intersection Delay [s/veh]	70.53											
Intersection LOS	E											
Intersection V/C	0.847											

Other Modes

g_Walk,mi, Effective Walk Time [s]	14.0	14.0	12.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	86.49	86.49	88.36	87.42
I_p,int, Pedestrian LOS Score for Intersection	2.854	2.848	2.771	2.723
Crosswalk LOS	C	C	C	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	760	760	760	760
d_b, Bicycle Delay [s]	38.44	38.44	38.44	38.44
I_b,int, Bicycle LOS Score for Intersection	2.218	2.706	2.177	2.460
Bicycle LOS	B	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 4: California Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	34.2
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.465

Intersection Setup

Name	California			California			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	120.00	100.00	100.00	130.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Temple			Temple		
Base Volume Input [veh/h]	22	71	12	34	62	39	26	554	26	15	991	15
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	6	0	0	1	0	12	3	3	3	0	6	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	29	73	12	36	64	52	30	574	30	15	1027	15
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	7	18	3	9	16	13	8	144	8	4	257	4
Total Analysis Volume [veh/h]	29	73	12	36	64	52	30	574	30	15	1027	15
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	77.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	0	4	0	0	4	0	1	6	0	5	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	8	0	0	8	0	4	13	0	5	14	0
Maximum Green [s]	0	0	0	0	0	0	0	0	0	0	0	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	3.0	4.5	0.0	3.0	4.5	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Split [s]	0	43	0	0	43	0	28	61	0	28	61	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	4.0	0.0	1.5	4.0	0.0
Walk [s]	0	12	0	0	12	0	0	11	0	0	11	0
Pedestrian Clearance [s]	0	18	0	0	18	0	0	13	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	2.5	0.0	1.5	2.5	0.0
Minimum Recall		No			No		No	Yes		No	Yes	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	132	132	132	132	132	132	132	132
L, Total Lost Time per Cycle [s]	5.00	5.00	4.50	4.50	4.50	4.50	4.50	4.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	0.00	2.50	2.50	0.00	2.50	2.50
g_i, Effective Green Time [s]	38	38	85	57	57	85	57	57
g / C, Green / Cycle	0.29	0.29	0.64	0.43	0.43	0.64	0.43	0.43
(v / s)_i Volume / Saturation Flow Rate	0.08	0.10	0.04	0.18	0.18	0.01	0.31	0.31
s, saturation flow rate [veh/h]	1506	1488	830	1683	1654	1001	1683	1674
c, Capacity [veh/h]	468	462	485	720	708	627	720	717
d1, Uniform Delay [s]	35.96	36.99	13.37	26.36	26.37	9.71	31.31	31.31
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	1.23	1.90	0.24	1.82	1.85	0.07	6.27	6.30
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.24	0.33	0.06	0.42	0.42	0.02	0.73	0.73
d, Delay for Lane Group [s/veh]	37.19	38.89	13.61	28.17	28.22	9.78	37.58	37.61
Lane Group LOS	D	D	B	C	C	A	D	D
Critical Lane Group	No	Yes	Yes	No	No	No	No	Yes
50th-Percentile Queue Length [veh/ln]	3.01	4.14	0.35	7.08	6.98	0.17	14.95	14.89
50th-Percentile Queue Length [ft/ln]	75.15	103.57	8.70	177.07	174.62	4.21	373.85	372.13
95th-Percentile Queue Length [veh/ln]	5.41	7.46	0.63	11.45	11.32	0.30	21.30	21.21
95th-Percentile Queue Length [ft/ln]	135.27	186.42	15.67	286.19	282.97	7.58	532.40	530.32

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	37.19	37.19	37.19	38.89	38.89	38.89	13.61	28.20	28.22	9.78	37.60	37.61
Movement LOS	D	D	D	D	D	D	B	C	C	A	D	D
d_A, Approach Delay [s/veh]	37.19			38.89			27.51			37.20		
Approach LOS	D			D			C			D		
d_I, Intersection Delay [s/veh]	34.19											
Intersection LOS	C											
Intersection V/C	0.465											

Other Modes

g_Walk,mi, Effective Walk Time [s]	15.0	15.0	16.0	16.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	51.85	51.85	50.97	50.97
I_p,int, Pedestrian LOS Score for Intersection	1.849	1.881	2.696	2.693
Crosswalk LOS	A	A	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	576	576	856	856
d_b, Bicycle Delay [s]	33.47	33.47	21.59	21.59
I_b,int, Bicycle LOS Score for Intersection	1.748	1.810	2.083	2.432
Bicycle LOS	A	A	B	B

Sequence

Ring 1	1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Site Driveway Intersection

Control Type:	Two-way stop	Delay (sec / veh):	36.1
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.073

Intersection Setup

Name	Site Driveway		Temple		Temple	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Site Driveway		Temple		Temple	
Base Volume Input [veh/h]	0	0	0	576	1052	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	9	8	15	0	3	21
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	9	8	15	593	1087	21
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	2	2	4	148	272	5
Total Analysis Volume [veh/h]	9	8	15	593	1087	21
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

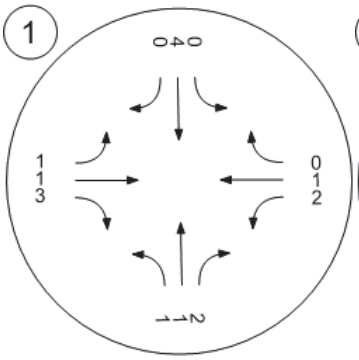
Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.07	0.02	0.02	0.01	0.01	0.00
d_M, Delay for Movement [s/veh]	36.14	14.44	10.89	0.00	0.00	0.00
Movement LOS	E	B	B	A	A	A
95th-Percentile Queue Length [veh/ln]	0.29	0.29	0.07	0.04	0.00	0.00
95th-Percentile Queue Length [ft/ln]	7.32	7.32	1.84	0.92	0.00	0.00
d_A, Approach Delay [s/veh]	25.93		0.27		0.00	
Approach LOS	D		A		A	
d_I, Intersection Delay [s/veh]	0.35					
Intersection LOS	E					

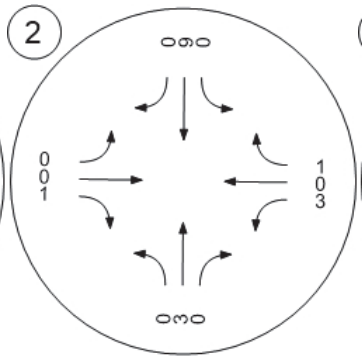
Report Figure 7209074d: Traffic Volume - Net New Site Trips



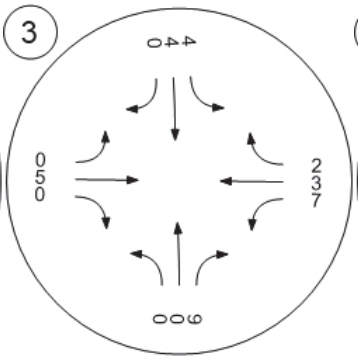
California Ave / Amar Rd



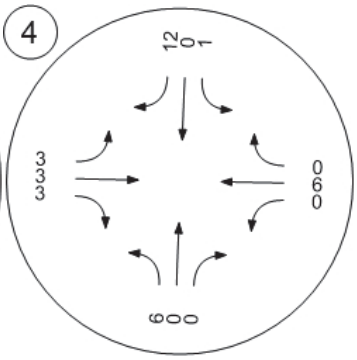
California Ave / Giordano St



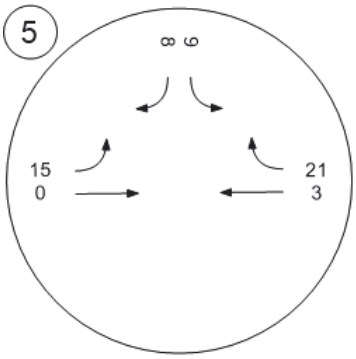
Sunset Ave / Temple Ave



California Ave / Temple Ave



Site Driveway Intersection



SGV Aquatics Center

Vistro File: J:\...\SGV Puente Aqua TIS-v4_NEW.vistro
Report File: J:\...\Fut_W_Proj_PMv2.pdf

Scenario 9 Fut_W_PROJ_PM
11/17/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	California Ave / Amar Rd	Signalized	HCM 6th Edition	NB Thru	0.691	60.1	E
2	California Ave / Giordano St	All-way stop	HCM 6th Edition	SB Thru	0.457	10.2	B
3	Sunset Ave / Temple Ave	Signalized	HCM 6th Edition	NB Right	0.929	100.5	F
4	California Ave / Temple Ave	Signalized	HCM 6th Edition	NB Thru	0.600	37.5	D
5	Site Driveway Intersection	Two-way stop	HCM 6th Edition	SB Left	0.132	31.7	D

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: California Ave / Amar Rd

Control Type:	Signalized	Delay (sec / veh):	60.1
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.691

Intersection Setup

Name	California			California			Amar			Amar		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	1	1	0	1
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	115.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Amar			Amar		
Base Volume Input [veh/h]	42	200	59	66	105	69	52	1298	36	27	978	86
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	3	3	2	0	3	1	0	1	2	3	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	46	209	63	68	111	72	54	1338	39	31	1008	89
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	12	52	16	17	28	18	14	335	10	8	252	22
Total Analysis Volume [veh/h]	46	209	63	68	111	72	54	1338	39	31	1008	89
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	85.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	8.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis	Permis
Signal Group	0	4	0	0	4	0	0	2	0	0	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	9	0	0	9	0	0	10	0	0	10	0
Maximum Green [s]	0	17	0	0	17	0	0	92	0	0	92	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	0.0	5.0	0.0	0.0	5.0	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0
Split [s]	0	22	0	0	22	0	0	98	0	0	98	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	4.5	0.0	0.0	4.5	0.0
Walk [s]	0	9	0	0	9	0	0	8	0	0	8	0
Pedestrian Clearance [s]	0	23	0	0	23	0	0	14	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	1.5	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.5	0.0	0.0	3.5	0.0
Minimum Recall		No			No			Yes			Yes	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	R	L	C	R
C, Cycle Length [s]	130	130	130	130	130	130	130	130
L, Total Lost Time per Cycle [s]	5.00	5.00	5.50	5.50	5.50	5.50	5.50	5.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	2.00	0.00	0.00	2.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50
g_i, Effective Green Time [s]	17	17	91	91	91	91	91	91
g / C, Green / Cycle	0.13	0.13	0.70	0.70	0.70	0.70	0.70	0.70
(v / s)_i Volume / Saturation Flow Rate	0.22	0.23	0.11	0.42	0.03	0.08	0.31	0.06
s, saturation flow rate [veh/h]	1417	1087	503	3204	1431	368	3204	1431
c, Capacity [veh/h]	217	177	331	2243	1001	228	2243	1001
d1, Uniform Delay [s]	57.54	57.86	14.95	10.04	6.01	19.97	8.53	6.24
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	233.09	216.66	1.06	1.18	0.07	1.24	0.65	0.18
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	1.47	1.42	0.16	0.60	0.04	0.14	0.45	0.09
d, Delay for Lane Group [s/veh]	290.63	274.51	16.01	11.22	6.09	21.21	9.19	6.41
Lane Group LOS	F	F	B	B	A	C	A	A
Critical Lane Group	No	Yes	No	Yes	No	No	No	No
50th-Percentile Queue Length [veh/ln]	21.26	16.57	0.91	9.50	0.34	0.63	6.05	0.80
50th-Percentile Queue Length [ft/ln]	531.38	414.19	22.81	237.44	8.47	15.73	151.21	20.08
95th-Percentile Queue Length [veh/ln]	33.26	26.47	1.64	14.55	0.61	1.13	10.08	1.45
95th-Percentile Queue Length [ft/ln]	831.60	661.74	41.07	363.79	15.25	28.32	252.05	36.14

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	290.63	290.63	290.63	274.51	274.51	274.51	16.01	11.22	6.09	21.21	9.19	6.41
Movement LOS	F	F	F	F	F	F	B	B	A	C	A	A
d_A, Approach Delay [s/veh]	290.63			274.51			11.26			9.30		
Approach LOS	F			F			B			A		
d_I, Intersection Delay [s/veh]	60.08											
Intersection LOS	E											
Intersection V/C	0.691											

Other Modes

g_Walk,mi, Effective Walk Time [s]	12.0	12.0	13.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	53.55	53.55	52.65	52.65
l_p,int, Pedestrian LOS Score for Intersection	2.019	2.103	2.950	2.988
Crosswalk LOS	B	B	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	262	262	1400	1400
d_b, Bicycle Delay [s]	49.11	49.11	5.85	5.85
l_b,int, Bicycle LOS Score for Intersection	2.084	1.974	2.740	2.490
Bicycle LOS	B	A	B	B

Sequence

Ring 1	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 2: California Ave / Giordano St

Control Type:	All-way stop	Delay (sec / veh):	10.2
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.457

Intersection Setup

Name	California			California			Giordano			Giordano		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Giordano			Giordano		
Base Volume Input [veh/h]	27	155	14	11	329	15	14	18	19	7	19	12
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	1	8	3	1	7	0	0	0	1	1	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	29	168	17	12	346	15	14	19	21	8	20	12
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	7	42	4	3	87	4	4	5	5	2	5	3
Total Analysis Volume [veh/h]	29	168	17	12	346	15	14	19	21	8	20	12
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	788	816	700	691
Degree of Utilization, x	0.27	0.46	0.08	0.06

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.10	2.42	0.25	0.18
95th-Percentile Queue Length [ft]	27.58	60.52	6.25	4.60
Approach Delay [s/veh]	9.27	11.07	8.58	8.53
Approach LOS	A	B	A	A
Intersection Delay [s/veh]	10.16			
Intersection LOS	B			

Intersection Level Of Service Report
Intersection 3: Sunset Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	100.5
Analysis Method:	HCM 6th Edition	Level Of Service:	F
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.929

Intersection Setup

Name	Sunset			Sunset			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right2	Left2	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	1	0	0	1	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	155.00	100.00	100.00	150.00	100.00	100.00	195.00	100.00	100.00	155.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	1	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	49.21	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Sunset			Sunset			Temple			Temple		
Base Volume Input [veh/h]	211	1267	211	104	794	160	207	825	133	83	466	107
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	4	10	3	0	0	0	5	0	7	5	4
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	217	1309	227	110	818	165	213	855	137	92	485	114
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	54	327	57	28	205	41	53	214	34	23	121	29
Total Analysis Volume [veh/h]	217	1309	227	110	818	165	213	855	137	92	485	114
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	94.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	16.00

Phasing & Timing

Control Type	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	9	8	0	9	8	0	9	8	0	9	8	0
Maximum Green [s]	30	30	0	30	30	0	30	30	0	30	30	0
Amber [s]	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0	3.0	3.0	0.0
All red [s]	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0
Split [s]	16	80	0	16	80	0	24	80	0	24	80	0
Vehicle Extension [s]	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0	2.5	2.0	0.0
Walk [s]	0	9	0	0	8	0	0	10	0	0	10	0
Pedestrian Clearance [s]	0	19	0	0	18	0	0	22	0	0	24	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
Minimum Recall	No	Yes		No	Yes		No	No		No	No	
Maximum Recall	No	No		No	No		No	No		No	No	
Pedestrian Recall	No	No		No	No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	L	C	C	L	C	C	L	C	C
C, Cycle Length [s]	200	200	200	200	200	200	200	200	200	200	200	200
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00	0.00	2.00	2.00
g_i, Effective Green Time [s]	92	76	76	92	76	76	100	76	76	100	76	76
g / C, Green / Cycle	0.46	0.38	0.38	0.46	0.38	0.38	0.50	0.38	0.38	0.50	0.38	0.38
(v / s)_i Volume / Saturation Flow Rate	0.32	0.46	0.48	0.22	0.30	0.30	0.23	0.30	0.30	0.12	0.18	0.18
s, saturation flow rate [veh/h]	681	1683	1599	502	1683	1586	928	1683	1603	751	1683	1574
c, Capacity [veh/h]	228	640	608	167	640	603	413	640	609	290	640	598
d1, Uniform Delay [s]	57.35	62.00	62.00	50.57	54.96	54.98	31.60	55.03	55.10	35.32	47.08	47.13
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	48.60	109.45	126.72	18.46	9.66	10.23	4.56	9.78	10.34	2.85	2.60	2.80
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.95	1.21	1.25	0.66	0.79	0.79	0.52	0.79	0.80	0.32	0.48	0.49
d, Delay for Lane Group [s/veh]	105.95	171.45	188.72	69.03	64.62	65.21	36.16	64.81	65.43	38.17	49.67	49.94
Lane Group LOS	F	F	F	E	E	E	D	E	E	D	D	D
Critical Lane Group	No	No	Yes	Yes	No	No	No	No	Yes	Yes	No	No
50th-Percentile Queue Length [veh/ln]	9.88	52.00	52.31	4.06	24.54	23.25	6.64	24.66	23.67	2.66	12.39	11.70
50th-Percentile Queue Length [ft/ln]	246.98	1299.9	1307.8	101.50	613.50	581.29	165.94	616.57	591.75	66.49	309.83	292.48
95th-Percentile Queue Length [veh/ln]	15.03	72.65	74.35	7.31	32.66	31.16	10.86	32.81	31.65	4.79	18.17	17.31
95th-Percentile Queue Length [ft/ln]	375.85	1816.2	1858.7	182.71	816.61	778.99	271.57	820.18	791.22	119.68	454.17	432.72

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	105.95	178.50	188.72	69.03	64.84	65.21	36.16	65.06	65.43	38.17	49.77	49.94
Movement LOS	F	F	F	E	E	E	D	E	E	D	D	D
d_A, Approach Delay [s/veh]	170.84			65.32			60.00			48.25		
Approach LOS	F			E			E			D		
d_I, Intersection Delay [s/veh]	100.49											
Intersection LOS	F											
Intersection V/C	0.929											

Other Modes

g_Walk,mi, Effective Walk Time [s]	14.0	14.0	12.0	13.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	86.49	86.49	88.36	87.42
I_p,int, Pedestrian LOS Score for Intersection	2.933	2.986	2.867	2.765
Crosswalk LOS	C	C	C	C
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	760	760	760	760
d_b, Bicycle Delay [s]	38.44	38.44	38.44	38.44
I_b,int, Bicycle LOS Score for Intersection	3.006	2.461	2.554	2.130
Bicycle LOS	C	B	B	B

Sequence

Ring 1	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	7	8	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 4: California Ave / Temple Ave

Control Type:	Signalized	Delay (sec / veh):	37.5
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.600

Intersection Setup

Name	California			California			Temple			Temple		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0	1	0	0	1	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	120.00	100.00	100.00	130.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	California			California			Temple			Temple		
Base Volume Input [veh/h]	35	197	55	29	112	25	53	1062	30	34	587	34
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	6	0	0	0	0	9	11	6	7	0	5	1
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	42	203	57	30	115	35	66	1100	38	35	610	36
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	11	51	14	8	29	9	17	275	10	9	153	9
Total Analysis Volume [veh/h]	42	203	57	30	115	35	66	1100	38	35	610	36
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing major stree	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing major street [	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing minor stree	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing minor street [	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	Yes
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Coordinated
Actuation Type	Fixed time
Offset [s]	85.0
Offset Reference	Lead Green - Beginning of First Green
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Permis	Permis	Permis	Permis	Permis	Permis	ProtPer	Permis	Permis	ProtPer	Permis	Permis
Signal Group	0	4	0	0	4	0	1	6	0	5	2	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-
Minimum Green [s]	0	8	0	0	8	0	4	13	0	5	14	0
Maximum Green [s]	0	0	0	0	0	0	0	0	0	0	0	0
Amber [s]	0.0	4.5	0.0	0.0	4.5	0.0	3.0	4.5	0.0	3.0	4.5	0.0
All red [s]	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Split [s]	0	43	0	0	43	0	28	61	0	28	61	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	4.0	0.0	1.5	4.0	0.0
Walk [s]	0	12	0	0	12	0	0	11	0	0	11	0
Pedestrian Clearance [s]	0	18	0	0	18	0	0	13	0	0	14	0
Delayed Vehicle Green [s]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	2.0	2.0	0.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	3.0	0.0	0.0	3.0	0.0	1.5	2.5	0.0	1.5	2.5	0.0
Minimum Recall		No			No		No	Yes		No	Yes	
Maximum Recall		No			No		No	No		No	No	
Pedestrian Recall		No			No		No	No		No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	C	L	C	C	L	C	C
C, Cycle Length [s]	132	132	132	132	132	132	132	132
L, Total Lost Time per Cycle [s]	5.00	5.00	4.50	4.50	4.50	4.50	4.50	4.50
l1_p, Permitted Start-Up Lost Time [s]	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	3.00	3.00	0.00	2.50	2.50	0.00	2.50	2.50
g_i, Effective Green Time [s]	38	38	85	57	57	85	57	57
g / C, Green / Cycle	0.29	0.29	0.64	0.43	0.43	0.64	0.43	0.43
(v / s)_i Volume / Saturation Flow Rate	0.19	0.13	0.07	0.34	0.34	0.04	0.19	0.19
s, saturation flow rate [veh/h]	1566	1419	982	1683	1663	801	1683	1650
c, Capacity [veh/h]	482	440	610	720	712	461	720	706
d1, Uniform Delay [s]	41.14	37.68	10.29	32.71	32.72	14.97	26.78	26.79
k, delay calibration	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	6.05	2.80	0.36	8.81	8.93	0.32	2.05	2.09
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.63	0.41	0.11	0.79	0.79	0.08	0.45	0.45
d, Delay for Lane Group [s/veh]	47.19	40.47	10.65	41.52	41.65	15.29	28.82	28.88
Lane Group LOS	D	D	B	D	D	B	C	C
Critical Lane Group	Yes	No	No	No	Yes	Yes	No	No
50th-Percentile Queue Length [veh/ln]	9.45	5.06	0.77	17.44	17.28	0.41	7.72	7.59
50th-Percentile Queue Length [ft/ln]	236.20	126.41	19.26	436.07	431.94	10.25	193.00	189.86
95th-Percentile Queue Length [veh/ln]	14.49	8.74	1.39	24.29	24.09	0.74	12.28	12.11
95th-Percentile Queue Length [ft/ln]	362.22	218.60	34.66	607.30	602.37	18.45	306.92	302.85

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	47.19	47.19	47.19	40.47	40.47	40.47	10.65	41.59	41.65	15.29	28.85	28.88
Movement LOS	D	D	D	D	D	D	B	D	D	B	C	C
d_A, Approach Delay [s/veh]	47.19			40.47			39.89			28.16		
Approach LOS	D			D			D			C		
d_I, Intersection Delay [s/veh]	37.49											
Intersection LOS	D											
Intersection V/C	0.600											

Other Modes

g_Walk,mi, Effective Walk Time [s]	15.0	15.0	16.0	16.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	51.85	51.85	50.97	50.97
l_p,int, Pedestrian LOS Score for Intersection	1.991	2.009	2.743	2.722
Crosswalk LOS	A	B	B	B
s_b, Saturation Flow Rate of the bicycle lane [bicycles/h]	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	576	576	856	856
d_b, Bicycle Delay [s]	33.47	33.47	21.59	21.59
l_b,int, Bicycle LOS Score for Intersection	2.058	1.857	2.553	2.121
Bicycle LOS	B	A	B	B

Sequence

Ring 1	1	2	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Site Driveway Intersection

Control Type:	Two-way stop	Delay (sec / veh):	31.7
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.132

Intersection Setup

Name	Site Driveway		Temple		Temple	
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Entry Pocket	0	0	0	0	0	0
Entry Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
No. of Lanes in Exit Pocket	0	0	0	0	0	0
Exit Pocket Length [ft]	0.00	0.00	0.00	0.00	0.00	0.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Site Driveway		Temple		Temple	
Base Volume Input [veh/h]	0	0	0	1140	647	0
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	20	16	14	3	0	20
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	20	16	14	1177	666	20
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	5	4	4	294	167	5
Total Analysis Volume [veh/h]	20	16	14	1177	666	20
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

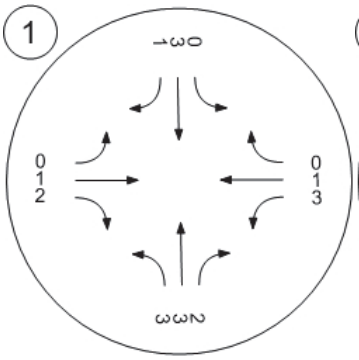
Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.13	0.02	0.02	0.01	0.01	0.00
d_M, Delay for Movement [s/veh]	31.74	13.41	9.05	0.00	0.00	0.00
Movement LOS	D	B	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.55	0.55	0.05	0.02	0.00	0.00
95th-Percentile Queue Length [ft/ln]	13.65	13.65	1.18	0.59	0.00	0.00
d_A, Approach Delay [s/veh]	23.59		0.11		0.00	
Approach LOS	C		A		A	
d_I, Intersection Delay [s/veh]	0.51					
Intersection LOS	D					

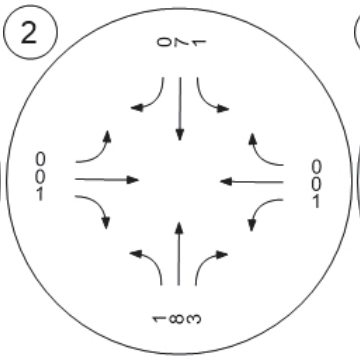
Report Figure 7209074d: Traffic Volume - Net New Site Trips



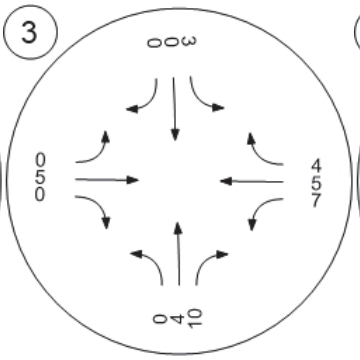
California Ave / Amar Rd



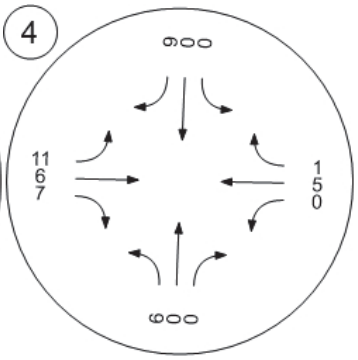
California Ave / Giordano St



Sunset Ave / Temple Ave



California Ave / Temple Ave



Site Driveway Intersection

